

Search Report from Ginger D. Roberts

?show files;ds

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200267

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File 344:Chinese Patents Abs Aug 1985-2002/Oct

(c) 2002 European Patent Office

File 347:JAPIO Oct 1976-2002/Jun(Updated 021004)

(c) 2002 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	2959	(ENTER? OR INPUT? OR INSERT? OR TYPING OR RECORDING OR SCAN- N? OR FILING) (6N) (TRADE OR TRADES OR EXCHANGE OR EXCHANGES OR BUY(3N)SELL OR AUCTION) (6N) (DATA OR INFORMATION OR TRANSACTIO- N?)
S2	767233	SERVER? OR DATABASE? OR DATA()BASE? OR DATA()STORAGE? OR A- RCHIVE? OR WAREHOUSE? OR WARE()HOUSE OR DISK? ? OR DISC? ? OR MAINFRAME? OR MAIN()FRAME?
S3	22970	(DATA OR INFORMATION OR TRANSACTION) (2W) (FILE OR FILES)
S4	40286	(MONITOR? OR TRACK? OR TRACE? OR TRACING? OR WATCH? OR DET- ECT? OR MIRROR? OR COPY?) (6N) (EDIT? OR MODIF? OR CHANGES OR U- PDATE OR UPDATES OR ADDITION? ? OR (ADDED OR NEW) () (DATA OR I- NFORMATION))
S5	12549	(REPORT? OR LOG? OR DOCUMENT? OR PAPER()TRAIL? OR SUMMARIS? OR SUMMARIZ? OR SUMMARY OR JOURNAL?) (6N) (EDIT? OR MODIF? OR - CHANGES OR UPDATE OR UPDATES OR ADDITION? ? OR (ADDED OR NEW) - () (DATA OR INFORMATION))
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	0	S1 AND S2 AND S4 AND S5
S8	0	S1 AND S4 AND S5
S9	11	S1 AND S4
S10	10	S1 AND S5
S11	5	S1 AND S2 AND S5
S12	5	S1 AND S2 AND S4
S13	21	S9:S12
S14	9	AU='LAFORE D':AU='LAFORE DOMINIQUE'
S15	18	(RECORDING OR RECORD OR TRACK? OR MONITOR? OR TRACE? OR TR- ACING) (6N) (TRADE OR TRADES) (6N) (RECORDS OR ACTIVITY OR ACTIVI- TIES OR TRANSACTION? ?)
S16	17	S15 NOT S13
?		

?t16/4/all

16/4/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2002-608116/200265|

XR- <XRPX> N02-481666|

TI- Computer-implemented **transaction** management system for cross-border **trade** process, has commercial invoice **transaction** template to **monitor** and **track** movement of merchandise and activities of third party service providers|

PA- LABIT D A (LABI-I)|

AU- <INVENTORS> KNEIPP S; LISKETING M; WALKER D|

NC- 001|

NP- 001|

PN- US 20020095355 A1 20020718 US 2001262484 A 20010118 200265 B

<AN> US 200253066 A 20020117|

AN- <LOCAL> US 2001262484 A 20010118; US 200253066 A 20020117|

AN- <PR> US 2001262484 P 20010118; US 200253066 A 20020117|

FD- US 20020095355 A1 G06F-017/60 Provisional application US 2001262484|

LA- US 20020095355(28)|

AB- <PN> US 20020095355 A1|

AB- <NV> NOVELTY - The buyer and seller monitor and track the movement of a merchandise and the activities of the contracted third party service providers (28) using a commercial invoice transaction template. The information and documentation pertaining to a particular transaction is created, stored and distributed for completion of transaction.|

AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for computer-implemented international trade method.

USE - Used for cross-border trade process.

ADVANTAGE - The cost, time and risk of conducting an import/export merchandise transaction is minimized.

DESCRIPTION OF DRAWING(S) - The figure shows the elements and interconnections of the global trade Internet system.

Third party service providers (28)

pp; 28 DwgNo 1/3|

DE- <TITLE TERMS> COMPUTER; IMPLEMENT; TRANSACTION; MANAGEMENT; SYSTEM; CROSS; BORDER; TRADE; PROCESS; COMMERCIAL; INVOICING; TRANSACTION; TEMPLATE; MONITOR; TRACK; MOVEMENT; MERCHANDISE; ACTIVE; THIRD; PARTY; SERVICE|

DC- T01; T05|

IC- <MAIN> G06F-017/60|

MC- <EPI> T01-J05A2F; T01-J05B2; T01-J05B4P; T01-J11C; T01-N01A1;

T01-N01A2F; T05-L02|

FS- EPI||

16/4/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 2002-435119/200246|

XR- <XRPX> N02-342529|

TI- Online treasury **trade** requests management and **tracking** method for multinational **transactions**, involves updating **trade** request information periodically and providing updated **trade** request information, on inquiry|

PA- GENERAL ELECTRIC CO (GENE)|

AU- <INVENTORS> RUSATE D B|

NC- 096|

Search Report from Ginger D. Roberts

NP- 002|
 PN- WO 200225545 A2 20020328 WO 2001US29121 A 20010917 200246 B|
 PN- AU 200191070 A 20020402 AU 200191070 A 20010917 200252|
 AN- <LOCAL> WO 2001US29121 A 20010917; AU 200191070 A 20010917|
 AN- <PR> US 2000664816 A 20000919|
 FD- WO 200225545 A2 G06F-017/60
 <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
 LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
 FD- AU 200191070 A G06F-017/60 Based on patent WO 200225545|
 LA- WO 200225545 (E<PG> 75)|
 DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD
 SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
 DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
 IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
 AB- <PN> WO 200225545 A2|
 AB- <NV> NOVELTY - Information regarding trade request are received from a
 client system and registered in centralized database. The registered
 information are periodically updated to maintain the current trade
 request information. The updated trade request information are provided
 in response to an inquiry.|
 AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
 the following:
 (a) Web-based system for tracking and managing trade requests;
 (b) Client system
 USE - For tracking borrowings as well as posting journal entries
 automatically for financial reporting in multinational transactions,
 inter company transaction over Internet.
 ADVANTAGE - Improves management efficiency and reduces risks.
 Provides flexibility in managing current treasury operation related
 information.
 DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
 treasury trade request system.
 pp; 75 DwgNo 1/17|
 DE- <TITLE TERMS> TRADE; REQUEST; MANAGEMENT; TRACK; METHOD; TRANSACTION;
 UPDATE; TRADE; REQUEST; INFORMATION; PERIOD; UPDATE; TRADE; REQUEST;
 INFORMATION; ENQUIRY|
 DC- T01|
 IC- <MAIN> G06F-017/60|
 MC- <EPI> T01-J05A2C; T01-N01A2F|
 FS- EPI||

16/4/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 2002-425005/200245|

XR- <XRPX> N02-334147|

TI- Data processing system for managing broker transaction information,
 performs reviewing, approving and disapproving of trade record
 transmitted between remote locations using encryption and decryption
 software|

PA- BRENNAN K L (BREN-I); LAFORE D W (LAFO-I)|

AU- <INVENTORS> BRENNAN K L; LAFORE D W|

NC- 001|

NP- 001|

Search Report from Ginger D. Roberts

PN- US 20020032640 A1 20020314 US 2000497272 A 20000203 200245 B
<AN> US 2001853986 A 20010511|
AN- <LOCAL> US 2000497272 A 20000203; US 2001853986 A 20010511|
AN- <PR> US 2001853986 A 20010511; US 2000497272 A 20000203|
FD- US 20020032640 A1 G06F-017/60 CIP of application US 2000497272|
LA- US 20020032640 (71)|
AB- <PN> US 20020032640 A1|
AB- <NV> NOVELTY - A storage memory stores the processed data which is
transmitted in a secure environment between various remote locations,
using encryption and decryption software. A broker representative
software is installed to respective computers which creates trade
record and performs reviewing, approving and disapproving of the trade
record. A trade audit security measure is provided, such that only
authorized user accesses and uses the trade data.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
the following:
 (a) Broker transaction data processing and management method;
 (b) Broker transaction data processing and monitoring method
 USE - For managing broker transaction information such as client
profiles, stock broker transactions, etc., used by broker/dealer
representatives, local brokerage offices and government regulators.
 ADVANTAGE - Prevents unauthorized trade activities by allowing
secure input, data transfer and storage of a wide array of information,
thus eliminating the need for paper logs. Enables efficient and
comprehensive inspections by creation of standard reports which are
instantaneously accessed. Handles electronic mail communication
involving broker transactions and provides simple and low cost, less
time consuming processing of data between remote locations. Ensures
additional security features by providing trade audit functions which
prevents unauthorized trade record change.
 DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram
illustrating process of recording trade information in the main server
database.
 pp; 71 DwgNo 4/66|
DE- <TITLE TERMS> DATA; PROCESS; SYSTEM; MANAGE; TRANSACTION; INFORMATION;
PERFORMANCE; APPROVE; TRADE; RECORD; TRANSMIT; REMOTE; LOCATE;
ENCRYPTION; DECRYPTER; SOFTWARE|
DC- T01; W01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-D01; T01-J05A2F; W01-A05A|
FS- EPI||

16/4/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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AA- 2002-416128/200244|
XR- <XRPX> N02-327430|
TI- Reduced risk construction loan or trade loan processing method involves
transferring ownership of trade loan applicant's lien rights to
lender and monitoring activity related to loans by appropriate
formula|
PA- FLYNN M L (FLYN-I)|
AU- <INVENTORS> FLYNN M L|
NC- 096|
NP- 002|
PN- WO 200223443 A1 20020321 WO 2001US28642 A 20010912 200244 B|
PN- AU 200192648 A 20020326 AU 200192648 A 20010912 200251|
AN- <LOCAL> WO 2001US28642 A 20010912; AU 200192648 A 20010912|
AN- <PR> US 2000658816 A 20000911|
FD- WO 200223443 A1 G06F-017/60
 <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR

Search Report from Ginger D. Roberts

CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU
 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
 LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
 FD- AU 200192648 A G06F-017/60 Based on patent WO 200223443|
 LA- WO 200223443 (E<PG> 50)|
 DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|
 DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
 IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
 AB- <PN> WO 200223443 A1|
 AB- <NV> NOVELTY - The reduced risk construction or trade loans from lender
 to applicant are processed by transferring ownership of trade loan
 applicant's lien rights to lender by creating an assignment of lien
 rights and power of attorney document. Activity related to loans is
 monitored by an appropriate formula applied to each loan. Construction
 loans are disbursed at times corresponding to stages of completion of
 construction project.|
 AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
 for computer readable medium with program for generating and processing
 reduced risk construction loans and trade loans from lender to loan
 applicant.
 USE - For reducing risk of loss associated with sanction of
 construction loan from lender to property owner applicant for
 construction project and trade loans from lender to general contractor,
 sub-contractor and material supplier applicants.
 ADVANTAGE - The method provides the lender with a character,
 financial, legal, property and project risk assessment for the
 prospective borrower in accordance with that lender's specific
 underwriting standard. The method provides the lender with on-line or
 other loan and project documentation that is standardized and
 acceptable to the lender and daily on-line funds disbursement and
 payment receipt information for any particular borrower and/or project,
 and daily on-line documentation that serves to perfect the lender's
 collateral in the event of a default. Since ownership of the loan
 applicant's lien rights are transferred to the lender, the lender is
 provided with sufficient assurance that he could recover all of his
 outstanding principal, interest, fees in the event of a default. Hence
 the lender is more inclined to provide working capital to the
 contractor/sub-contractor/material supplier.
 pp; 50 DwgNo 0/9|
 DE- <TITLE TERMS> REDUCE; RISK; CONSTRUCTION; LOAN; TRADE; LOAN; PROCESS;
 METHOD; TRANSFER; TRADE; LOAN; MONITOR; ACTIVE; RELATED; APPROPRIATE;
 FORMULA|
 DC- T01|
 IC- <MAIN> G06F-017/60|
 MC- <EPI> T01-J05A2E|
 FS- EPI||

16/4/5 (Item 5 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
 AA- 2002-130047/200217|
 XR- <XRPX> N02-098092|
 TI- Method for tracking trader history and profiling trading behavior,
 involves acquiring external market data relating financial instrument
 and correlating it with trade records|

Search Report from Ginger D. Roberts

PA- DEFARLO T (DEFA-I) |
AU- <INVENTORS> DEFARLO T |
NC- 001 |
NP- 001 |
PN- US 20020004774 A1 20020110 US 2000192382 P 20000327 200217 B
 <AN> US 2001818088 A 20010327 |
AN- <LOCAL> US 2000192382 P 20000327; US 2001818088 A 20010327 |
AN- <PR> US 2000192382 P 20000327; US 2001818088 A 20010327 |
FD- US 20020004774 A1 G06G-001/12 Provisional application US 2000192382 |
LA- US 20020004774 (25) |
AB- <PN> US 20020004774 A1 |
AB- <NV> NOVELTY - **Transaction** data relating to financial instrument, is
acquired and is converted into **trade record**. External market data
comprising fundamental data and technical data, relating to financial
instrument is acquired. The acquired external market data is correlated
with the trade record. |
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
for data analysis system.
 USE - For tracking trader history and profiling trading behavior
for data analysis system (claimed) through Internet.
 ADVANTAGE - Provides user-friendly interface and allows user to
customize the analytical variables of interface to optimize the output
of the system.
 DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
data analysis system.
 pp; 25 DwgNo 1/18 |
DE- <TITLE TERMS> METHOD; TRACK; HISTORY; PROFILE; TRADE; ACQUIRE; EXTERNAL
; MARKET; DATA; RELATED; FINANCIAL; INSTRUMENT; CORRELATE; TRADE;
RECORD |
DC- T01 |
IC- <MAIN> G06G-001/12 |
MC- <EPI> T01-J05C; T01-J10C1; T01-N01A2F |
FS- EPI |

16/4/6 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-121095/200216 |
XR- <XRPX> N02-090814 |
TI- Account groups management method for data processing system, involves
assigning updated attribute parameter to account group based on
monitoring result of account **transactions** and brokerage **trades** |
PA- MERRILL LYNCH & CO INC (MERR-N) |
AU- <INVENTORS> BANFORD C K; BATAVIA D G; BENNETT J G; CARNEY P M;
GILL-FAGAN H A; KILLEEN J J; STAMLER G H |
NC- 001 |
NP- 001 |
PN- US 6324523 B1 20011127 US 97940244 A 19970930 200216 B |
AN- <LOCAL> US 97940244 A 19970930 |
AN- <PR> US 97940244 A 19970930 |
LA- US 6324523 (30) |
AB- <PN> US 6324523 B1 |
AB- <NV> NOVELTY - Several hierarchical tiers are defined based on the
amount of total assets held in an account group to which several
individual accounts are linked and the amount of total assets is
determined for assigning an initial set of attribute parameters to the
account group. The account **transaction** and brokerage **trades**
specified by attribute parameter are **monitored** on a periodic basis
for assigning updated attribute parameters to the group. |
AB- <BASIC> DETAILED DESCRIPTION - The attribute parameters are the total

number of brokerage trades and account transactions allowed for the account group, the amount of account service fees to be debited, financial planning services and financial reports which the account group holders are eligible to receive, and reduction in credit line interest rate applicable to funds borrowed by holders.

USE - For managing account groups in data processing system of brokerage industry.

ADVANTAGE - Provides access to trading and host of important services without payment of separate transaction charges at the time of eligible transaction.

DESCRIPTION OF DRAWING(S) - The figures show the block diagram of data processing system configuration and interface.

pp; 30 DwgNo 1, 2/8|

DE- <TITLE TERMS> ACCOUNT; GROUP; MANAGEMENT; METHOD; DATA; PROCESS; SYSTEM
; ASSIGN; UPDATE; ATTRIBUTE; PARAMETER; ACCOUNT; GROUP; BASED; MONITOR;
RESULT; ACCOUNT; TRANSACTION|

DC- T01|

IC- <MAIN> G06F-017/60|

MC- <EPI> T01-J05A1; T01-J05A2F; T01-J05B4P|

FS- EPI||

16/4/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2002-114630/200215|

XR- <XRPX> N02-085394|

TI- **Trade activity monitoring** method for use in mutual funds trading systems, gathers real-time information about orders offered by a party and placed through a trading platform operated by another party|

PA- FMR CORP (FMRF-N)|

AU- <INVENTORS> FAUX J; LABELLE J; MARTIN D; MAURO C; MILLS J; NAYAK S;
QUINN-DUPONT M; YANG J; ZAKASHANSKY V|

NC- 027|

NP- 002|

PN- WO 200199007 A2 20011227 WO 2001US19555 A 20010619 200215 B|

PN- AU 200171336 A 20020102 AU 200171336 A 20010619 200230|

AN- <LOCAL> WO 2001US19555 A 20010619; AU 200171336 A 20010619|

AN- <PR> US 2000597021 A 20000620|

FD- WO 200199007 A2 G06F-017/60

<DS> (National): AU BR CA JP KR MX NO SG

<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR

FD- AU 200171336 A G06F-017/60 Based on patent WO 200199007|

LA- WO 200199007(E<PG> 25)|

DS- <NATIONAL> AU BR CA JP KR MX NO SG|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR|

AB- <PN> WO 200199007 A2|

AB- <NV> NOVELTY - A real-time trade activity tool gathers information about orders offered by a party and placed through a trading platform operated by another party, and presents real-time trade information on two primary information screens, an order summary screen (10) and an order details screen. The summary screen displays information, including order information, and the details screen displays information related to a particular mutual fund.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Computer readable medium which stores computer executable instructions that cause a computer to gather real-time information about orders involving commodities offered by a party and placed

through a trading platform operated by another party;

(b) A mainframe system;

(c) A method providing authorization information identifying a third party to another party.

USE - For use in systems where third party fund companies distribute their mutual funds and other products on another company's brokerage trading platform.

ADVANTAGE - The real-time monitoring system can help the third party monitor order activity and identify accounts involving hot money, allowing the third party to take action such as order cancellation or account blockage.

DESCRIPTION OF DRAWING(S) - The figure is a summary screen generated by a real-time trade activity tool.

pp; 25 DwgNo 1/6|

DE- <TITLE TERMS> TRADE; ACTIVE; MONITOR; METHOD; MUTUAL; FUND; TRADE;
SYSTEM; GATHER; REAL; TIME; INFORMATION; ORDER; OFFER; PARTY; PLACE;
THROUGH; TRADE; PLATFORM; OPERATE; PARTY|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-N01A2F; T01-N02B1B; T01-N02B2; T01-S03|
FS- EPI||

16/4/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-328453/200134|

XR- <XRPX> N01-236368|

TI- Automated trade settlement method for providing Internet based secure virtual exchange and distributed relational data for cross-border trading of securities|

PA- CROSS BORDER EXCHANGE CORP (CROS-N); CHICHILNISKY G (CHIC-I)|

AU- <INVENTORS> CHICHILNISKY G|

NC- 094|

NP- 003|

PN- WO 200127848 A2 20010419 WO 2000US28449 A 20001013 200134 B|

PN- AU 200080222 A 20010423 AU 200080222 A 20001013 200147

PN- US 20020032642 A1 20020314 US 99159237 P 19991013 200222

<AN> US 2000687651 A 20001013

<AN> US 2001915230 A 20010724|

AN- <LOCAL> WO 2000US28449 A 20001013; AU 200080222 A 20001013; US 99159237 P 19991013; US 2000687651 A 20001013; US 2001915230 A 20010724|

AN- <PR> US 99159237 P 19991013; US 2000687651 A 20001013; US 2001915230 A 20010724|

FD- WO 200127848 A2 G06F-017/60

<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

FD- AU 200080222 A G06F-017/60 Based on patent WO 200127848

FD- US 20020032642 A1 G06F-017/60 Provisional application US 99159237

CIP of application US 2000687651|

LA- WO 200127848 (E<PG> 52)|

DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|

AB- <PN> WO 200127848 A2|
AB- <NV> NOVELTY - The method for automating trade settlements involves using a host system having a distributed relational database which can be updated by more than one party to a cross-border transaction.|
AB- <BASIC> DETAILED DESCRIPTION - The method for automating trade settlements involves providing a host system or systems with a distributed relational database which is accessible and updated by more than one party to a cross border transaction, and caching a client's standing settlement instructions in a client profile in the distributed relational database. The method further involves **monitoring** messages of a selected **trade** settlement client, and assigning a unique **transaction** identifier of a **trade** settlement for messages that include an execution file or a settlement of a trade. INDEPENDENT CLAIMS are included for; a method for automating corporate action information process; a system for automating cross-border transactions; a method for improving bank-to-bank instructions between financial institutions; a method for centralizing information required to settle a global cross border transaction.
USE - Internet based secure virtual exchange and distributed relational database for cross-border trading of securities.
ADVANTAGE - Reduces number of times a cross-border security transaction is 'touched', and reduces number of failed cross-border security transactions, reduces fees paid by global custodians for cross-border security transactions.
DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram showing a relationship between global custodians, sub-custodians, asset managers and broker dealers.
pp; 52 DwgNo 1/22|
DE- <TITLE TERMS> AUTOMATIC; TRADE; SETTLE; METHOD; BASED; SECURE; VIRTUAL; EXCHANGE; DISTRIBUTE; RELATED; DATA; CROSS; BORDER; TRADE; SECURE|
DC- T01; T05; W01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A1; T01-J05B3; T01-J05B4A; T01-J05B4B; T05-L01D; W01-A06B5B|
FS- EPI||

16/4/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-255797/200022|
XR- <XRPX> N00-190145|
TI- Computer implemented clearinghouse for electronic trading of carrier cargo capacity|
PA- INT BUSINESS MACHINES CORP (IBMC)|
AU- <INVENTORS> CHOU Y; GARG A; YEH J T|
NC- 001|
NP- 001|
PN- US 6035289 A 20000307 US 98115450 A 19980714 200022 B|
AN- <LOCAL> US 98115450 A 19980714|
AN- <PR> US 98115450 A 19980714|
FD- US 6035289 A G06F-017/60|
LA- US 6035289(15)|
AB- <PN> US 6035289 A|
AB- <NV> NOVELTY - The system uses a double auction trade building method by matching, based on feasibility and price/cost information a number of electronic bids and posted ask **records**. A one pass sequential **trade** building method selects each ask **record** and inserts, in one pass, as many of the bid records whilst maintaining feasibility criteria. A two pass method inserts the bid records in two stages and terminates when no further bids can be inserted.|

Search Report from Ginger D. Roberts

AB- <BASIC> USE - Commercial shipping and cargo handling operators.
ADVANTAGE - Provides information at optimal search criteria levels
DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the
system
pp; 15 DwgNo 1/3|
DE- <TITLE TERMS> COMPUTER; IMPLEMENT; ELECTRONIC; TRADE; CARRY; CARGO;
CAPACITY|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A2|
FS- EPI||

16/4/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1999-385005/199932|
XR- <XRPX> N99-288358|
TI- Customer trade transaction execution unit of automated trade processing
system|
PA- FIRST DATA INVESTOR SERVICES GROUP INC (FIRS-N)|
AU- <INVENTORS> ALTOBELLI D J; BLUCKE R W; HARRIS R C; WILSON R M; WYLE S C
|
NC- 001|
NP- 001|
PN- US 5918218 A 19990629 US 94299377 A 19940901 199932 B|
AN- <LOCAL> US 94299377 A 19940901|
AN- <PR> US 94299377 A 19940901|
FD- US 5918218 A G06F-019/00|
LA- US 5918218(32)|
AB- <PN> US 5918218 A|
AB- <NV> NOVELTY - The record keeping system (40) aggregates the mutual
fund transactions into omnibus plan trades which is transmitted to
a host processor (50). The transfer agent system (60) executes the
omnibus plan trades. Trade acknowledgment confirmation is done prior to
execution of omnibus plan trades. A mismatch file is generated by the
host processor.|
AB- <BASIC> DETAILED DESCRIPTION - The host processor receives pricing and
other trade information from transfer agent system. Based on the
pricing and other trade information, the host processor evaluates the
omnibus plan trades and produces a trade acknowledgment confirmation
file. The host processor compares trade acknowledgment confirmation and
trade execution confirmation to generate mismatch file which is
transmitted to record keepingsystem. INDEPENDENT CLAIMS are also
included for the following:
(a) an automatic mutual fund transaction processing method;
(b) a network for facilitating the trade processing system.
USE - For executing customer trade transactions in automated trade
processing system.
ADVANTAGE - Position information, trade execution and trade
verification on a daily basis can be provided accurately thereby
achieving efficient access to record keeping data regarding mutual fund
accounts, by providing transfer agent system that confirms trade
acknowledgment prior to execution of omnibus plan trades. Since
execution of omnibus plan trades is carried out later, the ability to
provide trade acknowledgment confirmation back to record keeper prior
to execution confirmation of transfer agent, is enabled. Hence, the
record keeper can begin the process of daily valuation of participant
account even prior to the actual execution of requested trades.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
automated trade processing system.

Search Report from Ginger D. Roberts

Record keeping system (40)
Host processor (50)
Transfer agent system (60)
pp; 32 DwgNo 1/17|
DE- <TITLE TERMS> CUSTOMER; TRADE; TRANSACTION; EXECUTE; UNIT; AUTOMATIC;
TRADE; PROCESS; SYSTEM|
DC- T01|
IC- <MAIN> G06F-019/00|
MC- <EPI> T01-J|
FS- EPI||

16/4/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1998-456364/199839|
DX- <RELATED> 1998-387566; 1998-467098; 1999-394133|
XR- <XRPX> N98-356117|
TI- Two-way wireless bilateral-assured communication method for floor of
financial exchange - transmitting instructions between base and mobile
stations, with each acknowledging receipt and action by altering
instruction and updating hierarchical value indicating stage of
instruction|
PA- PAPYRUS TECHNOLOGY CORP (PAPY-N)|
AU- <INVENTORS> CARROLL S T; O'NEILL D S; PATTERSON L T|
NC- 001|
NP- 001|
PN- US 5793301 A 19980811 US 94309337 A 19940920 199839 B
<AN> US 96763186 A 19961210|
AN- <LOCAL> US 94309337 A 19940920; US 96763186 A 19961210|
AN- <PR> US 94309337 A 19940920; US 96763186 A 19961210|
FD- US 5793301 A H04L-001/12 Div ex application US 94309337|
LA- US 5793301(35)|
AB- <BASIC> US 5793301 A

The method involves the construction of an instruction, e.g.
quotation request, order or memo, on a base station, e.g. a pen-type
input computer. The instruction has a
sequence number and a hierarchical number which identifies the
stage of the instruction. The instruction is transmitted to a mobile
station, e.g. a hand-held computer, which adjusts the hierarchical
value and alters the instruction e.g. by stripping some image data. The
altered instruction is sent to the base station signalling receipt of
the instruction.

A further altered instruction is sent to the base station
signalling the user has seen the instruction and the hierarchical value
is again adjusted. Receipt is acknowledged at the base station by
adjusting the hierarchical value and by the re-transmission of the
readjusted instruction to the mobile station.

USE - For transfer of quotes, orders and memos between booth clerk
and floor broker.

ADVANTAGE - Provides assurance that instructions are noticed,
timely processed and faithfully followed. Provides audit trail for
reconciling unreconciled trades. Allows monitoring of broker
activity.

Dwg.1/18|

DE- <TITLE TERMS> TWO; WAY; WIRELESS; BILATERAL; ASSURE; COMMUNICATE;
METHOD; FLOOR; FINANCIAL; EXCHANGE; TRANSMIT; INSTRUCTION; BASE; MOBILE
; STATION; ACKNOWLEDGE; RECEIPT; ACTION; ALTER; INSTRUCTION; UPDATE;
HIERARCHY; VALUE; INDICATE; STAGE; INSTRUCTION|
DE- <ADDITIONAL WORDS> TRADING; FLOOR|
DC- W01; W05|

IC- <MAIN> H04L-001/12|
 IC- <ADDITIONAL> G08B-005/22|
 MC- <EPI> W01-A01A; W05-A03|
 FS- EPI||

16/4/12 (Item 12 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
 AA- 1998-230913/199820|
 XR- <XRPX> N98-182767|
 TI- On-line transaction processing system for security trading - in which
 displays are customised to provide user with interface with securities
 exchange system|
 PA- NASDAQ STOCK MARKET INC (NASD-N)|
 AU- <INVENTORS> COORDS D; DENAT M; FLYNN E; FRANKE M; HALL D G; MARTYN P;
 PANG M; SLOMOWITZ I; SWEET P A; WALDO M; SWEET P|
 NC- 080|
 NP- 006|
 PN- WO 9813778 A1 19980402 WO 97US17131 A 19970925 199820 B|
 PN- AU 9744993 A 19980417 AU 9744993 A 19970925 199834
 PN- EP 1008072 A1 20000614 EP 97943544 A 19970925 200033
 <AN> WO 97US17131 A 19970925
 PN- JP 2001501333 W 20010130 WO 97US17131 A 19970925 200110
 <AN> JP 98515867 A 19970925
 PN- US 6195647 B1 20010227 US 96722847 A 19960926 200114
 PN- US 20010003179 A1 20010607 US 96722847 A 19960926 200133
 <AN> US 2001767765 A 20010123|
 AN- <LOCAL> WO 97US17131 A 19970925; AU 9744993 A 19970925; EP 97943544 A
 19970925; WO 97US17131 A 19970925; WO 97US17131 A 19970925; JP 98515867
 A 19970925; US 96722847 A 19960926; US 96722847 A 19960926; US
 2001767765 A 20010123|
 AN- <PR> US 96722847 A 19960926; US 2001767765 A 20010123|
 FD- WO 9813778 A1 G06F-017/60
 <DS> (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
 ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
 MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
 YU ZW
 <DS> (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC
 MW NL OA PT SD SE SZ UG ZW
 FD- AU 9744993 A G06F-017/60 Based on patent WO 9813778
 FD- EP 1008072 A1 G06F-017/60 Based on patent WO 9813778
 <DS> (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC
 NL PT RO SE SI
 FD- JP 2001501333 W G06F-017/60 Based on patent WO 9813778
 FD- US 20010003179 A1 G06F-017/60 Cont of application US 96722847
 Cont of patent US 6195647|
 LA- WO 9813778(E<PG> 40); EP 1008072(E); JP 2001501333(54)|
 DS- <NATIONAL> AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
 GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
 MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
 |
 DS- <REGIONAL> AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GH; GR; IE; IT; KE;
 LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG; ZW; AL; LI; LT; LV; RO; SI|
 AB- <BASIC> WO 9813778 A

The processing system provides an interface with a securities
 exchange system over which securities are traded. The system allows a
 user to configure displays (3000) tailored for specific functions and
 to show displays (3050) for a particular security. The user may also
 view a display showing information about selected securities (3034),
 monitor trade activity, participate in a trade and report

trades .

A user may display information for a selected set of securities on a continuously updated basis (3035) and can easily select from a displayed list, a desired security and certain information and functions associated with the selected security.

USE - Customising displays showing information about securities exchange system.

Dwg.3/14|

DE- <TITLE TERMS> LINE; TRANSACTION; PROCESS; SYSTEM; SECURE; TRADE;
DISPLAY; CUSTOMISATION; USER; INTERFACE; SECURE; EXCHANGE; SYSTEM|
DC- T01|
IC- <MAIN> G06F-017/60|
IC- <ADDITIONAL> G06F-003/00; G06F-009/44|
MC- <EPI> T01-J05A1; T01-J12B|
FS- EPI||

16/4/13 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1996-251295/199625|
XR- <XRPX> N96-211227|
TI- Automated trade processing system - has host processor that verifies
fields information, processes omnibus plan trade and
trade-acknowledgement confirms omnibus plan trade to record keeper|
PA- SHAREHOLDER SERVICES GROUP INC (SHAR-N)|
AU- <INVENTORS> ALTOBELLI D J; BLUCKE R W; HARRIS R C; WILSON R J M; WYLE S
C|
NC- 001|
NP- 001|
PN- US 5517406 A 19960514 US 94299375 A 19940901 199625 B|
AN- <LOCAL> US 94299375 A 19940901|
AN- <PR> US 94299375 A 19940901|
FD- US 5517406 A G06F-017/60|
LA- US 5517406(28)|
AB- <BASIC> US 5517406 A

The system includes a **record** keeper for receiving participant mutual fund **transaction** requests, aggregating the participant mutual fund **transaction** requests into omnibus plan **trade** files and transmitting the omnibus plan **trade** files. A host processor interacts with the **record** keeper device and receives the omnibus plan trade files.

The host processor also verifies at least one of the number of fields of information, processes the omnibus plan trades, and **trade** -acknowledgment confirms the omnibus plan **trades** to the **record** keeper device. A **transaction** execution device, interacts with the host processor device, executes the omnibus plan **trades**, where trade-acknowledgment confirmation occurs at a time prior to execution of the omnibus plan trades by the transaction execution device.

ADVANTAGE - Provides reliable and efficient access to record keeping data. Provide automatic access to record keeping data with minimum human intervention. Accurately provides trade execution and trade verification on a daily basis.

Dwg.1/16|

DE- <TITLE TERMS> AUTOMATIC; TRADE; PROCESS; SYSTEM; HOST; PROCESSOR;
VERIFICATION; FIELD; INFORMATION; PROCESS; OMNIBUS; PLAN; TRADE;
CONFIRM; OMNIBUS; PLAN; TRADE; RECORD; KEEPER|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A1; T01-J05B4|
FS- EPI||

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16/4/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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AA- 1987-108511/198715|

XR- <XRPX> N87-081558|

TI- **Monitoring** system for **activities** of attendants of **trade** show -
uses bar coded badges for attendants with information storage device at
each show booth to record visits|

PA- SHOWDATA INC (SHOW-N)|

AU- <INVENTORS> ELROD P C|

NC- 001|

NP- 001|

PN- US 4654793 A 19870331 US 84661095 A 19841015 198715 B|

AN- <LOCAL> US 84661095 A 19841015|

AN- <PR> US 84661095 A 19841015|

FD- US 4654793 A |

LA- US 4654793(25)|

AB- <BASIC> US 4654793 A

Each registrant is assigned a unique registration number, which is printed in bar-coded form on an identification badge, which also includes the name and professional affiliation of the attendee. Registration information, including the name, address, business affiliation and registration number of the attendee, is permanently stored in a central data base. Each booth or exhibit at the trade show or convention is equipped with an information storage device for recording the visits of individual attendees.

The information storage device includes a bar-code decoder for reading the bar-coded registration number from the attendee's identification badge and from a bar-coded menu of information requests and for storing the information along with a record of the time of day and the date of the visit. At the end of the day or at the end of the trade show or convention, the stored information may be transferred by cable or telecommunications link to a main data base, where the information is processed along with the registration information.

USE/ADVANTAGE - Provides selected compilations of data relating to attendees and their activities at trade show or convention.

1/6|

DE- <TITLE TERMS> MONITOR; SYSTEM; ACTIVE; ATTEND; TRADE; SHOW; BAR; CODE;
BADGE; ATTEND; INFORMATION; STORAGE; DEVICE; SHOW; BOOTH; RECORD|

DC- T01|

IC- <ADDITIONAL> G06F-015/30|

MC- <EPI> T01-J05A|

FS- EPI||

16/4/15 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

AA- 1987-093510/198713|

XR- <XRPX> N87-070162|

TI- Off line bank cash card system for fund transfer transactions - uses
transaction register machine to read data from card with magnetic
stripe carrying balance and security information|

PA- RMH SYSTEMS INC (RMHS-N)|

AU- <INVENTORS> FERNANDEZ A; HUDSON R M|

NC- 018|

NP- 008|

PN- US 4650978 A 19870317 US 86829982 A 19860218 198713 B|

PN- EP 237815 A 19870923 EP 87102265 A 19870217 198738

Search Report from Ginger D. Roberts

PN- AU 8769028 A 19860820 198740
 PN- BR 8700657 A 19871208 198803
 PN- CN 8701740 A 19871014 198844
 PN- CA 1271844 A 19900717 199034
 PN- EP 237815 B1 19921111 EP 87102265 A 19870217 199246
 PN- DE 3782518 G 19921217 DE 3782518 A 19870217 199252
 <AN> EP 87102265 A 19870217|
 AN- <LOCAL> US 86829982 A 19860218; EP 87102265 A 19870217; EP 87102265 A 19870217; DE 3782518 A 19870217; EP 87102265 A 19870217|
 AN- <PR> US 86829982 A 19860218; US 7993538 A 19791113; US 81263206 A 19810513; US 84615708 A 19840530; US 85694472 A 19850123|
 CT- 1.Jnl.Ref; A3...8931; EP 131906; EP 138320; EP 143096; EP 29894; EP 32193; EP 3756; EP 63794; No-SR.Pub|
 FD- US 4650978 A
 FD- EP 237815 A
 <DS> (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE
 FD- EP 237815 B1 G07F-007/10
 <DS> (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE
 FD- DE 3782518 G G07F-007/10 Based on patent EP 237815|
 LA- US 4650978(38); EP 237815(E); EP 237815(E<PG> 52)|
 DS- <REGIONAL> AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE|
 AB- <BASIC> US 4650978 A

The system includes a cash card having machine sensitive information recorded, including information representing an available cash balance in an account of the bearer, and a randomly mutated enciphering key. A transaction register machine at the location of trade sale includes a device for receiving the cash card from the bearer and recording information to and reading information from the cash card. The enciphering key randomly generated and recorded key on the cash card with a random mutation by recording with no a.c. or d.c. bias and no saturation.

Personal identification number (PIN) data is received from bearer independent of the cash card, the PIN data constituting a further enciphering key. Data is enciphered and deciphered card using the two enciphering keys. The validity of the cash card is verified by determining whether the received PIN data successfully deciphers information previously enciphered and recorded onto the card.

ADVANTAGE - Provides high security.

1A/23|

AB- <EP> EP 237815 B

An electronic fund transfer system for handling a card bearer's fund transfer transaction in a trade sale comprising: a cash card (100) having machine sensitive information recorded thereon, including information representing an available cash balance in an account of the bearer, and a first enciphering key; and a transaction register machine at the location of trade sale including means for receiving said cash card from said bearer and recording information to and reading information from said cash card, means for randomly generating said first enciphering key and recording said first enciphering key on said cash card as an analog signal with a random mutation by magnetic recording with no a.c. or d.c. bias and no saturation, means for receiving personal identification number (PIN) data from said bearer independent of said cash card, said PIN data constituting a second enciphering key, means for enciphering and deciphering data to be recorded on and read from said cash card using said first and second enciphering keys, means for verifying that the bearer of said cash card is an authorised card bearer by determining whether said received PIN data successfully deciphers information previously enciphered and recorded onto the card, means for modifying said available cash balance and other information recorded on said cash card in accordance with said **transaction**, and means for magnetically **recording** and storing information of the **trade sale cash transaction** for later processing.

Search Report from Ginger D. Roberts

(Dwg.1/22|
DE- <TITLE TERMS> LINE; BANK; CASH; CARD; SYSTEM; FUND; TRANSFER;
TRANSACTION; TRANSACTION; REGISTER; MACHINE; READ; DATA; CARD; MAGNETIC
; STRIPE; CARRY; BALANCE; SECURE; INFORMATION|
DC- T01; T04; T05|
IC- <MAIN> G07F-007/10|
IC- <ADDITIONAL> G06F-015/21; G06K-005/00; G06K-007/08; G06K-009/00;
G06K-015/30|
MC- <EPI> T01-J05A; T04-A03A; T04-C; T05-L|
FS- EPI||

16/4/16 (Item 1 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- COMMERCIAL TRANSACTION MEDIATING SYSTEM THROUGH INTERNET
PN- 2002-024650 -JP 2002024650 A-
PD- January 25, 2002 (20020125)
AU- SUZUKI TATSUE; MOCHIZUKI SATOSHI
PA- SEIKO CORP
AN- 2000-202893 -JP 2000202893-
AN- 2000-202893 -JP 2000202893-
AD- July 04, 2000 (20000704)
G06F-017/60
AB- PROBLEM TO BE SOLVED: To provide a transaction managing system with
secured safety for mediating commercial transaction through the
Internet. SOLUTION: This system, when receiving order information
from a user, takes a customer transaction number specific to the
order, and generates readable first **transaction** managing web
information sequentially **recording trade** information of order
confirmation for every customer **transaction** number, **transaction**
content process confirmation, receipt confirmation, and return
report. This system, when receiving order confirmation information
from the user, generates readable second transaction managing web
information sequentially recording information of order confirmation
for every customer transaction number, shipping schedule, shipping
record, return confirmation, and reshipping record. COPYRIGHT:
(C) 2002, JPO

16/4/17 (Item 2 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- COMPUTER GAME METHOD, COMPUTER GAME SYSTEM CONNECTED TO ELECTRONIC
TRADE TRANSACTION SYSTEM OPERATED ON NETWORK AND SOFTWARE
RECORDING MEDIUM
PN- 2001-195475 -JP 2001195475 A-
PD- July 19, 2001 (20010719)
AU- SAEKI MAKOTO
PA- DIGICUBE CO LTD
AN- 2000-004918 -JP 20004918-
AN- 2000-004918 -JP 20004918-
AD- January 13, 2000 (20000113)
G06F-017/60; A63F-013/12
AB- PROBLEM TO BE SOLVED: To conduct trade transactions which reflect real
society during a game and to reflect the trade transaction behavior
on the progress content/ virtual space of the game. SOLUTION: A game
trade transaction integrated program is fetched into a computer, and
the game is conducted. A virtual shop exists in the game. In the
virtual shop, a commodity that the electronic trade transaction
system on a network supplies is displayed. Came reflection data
changing a game content is given to respective commodities. When a
game player inputs will to purchase the commodity, the program puts

Search Report from Ginger D. Roberts

in orders for the commodity to the electronic trade transaction system. When the settlement of the commodity is conducted appropriately, the electronic trade transaction system delivers (distributes) the commodity, and game reflection data given to the commodity is transferred to the game trade transaction integrated program. The program changed the game content according to the data received. COPYRIGHT: (C)2001,JPO

?

?t13/4/all

13/4/1 (Item 1 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
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IM- *Image available*
 AA- 2002-372165/200240|
 XR- <XRPX> N02-290824|
 TI- Electronic anonymous negotiation and execution of equity block trades
 for institutional investors based on trading information entered
 into system by broker intermediary participants|
 PA- SHAW & CO INC D E (SHAW-N); GIANAKOUROS N B (GIAN-I); SHAW D E (SHAW-I)
 |
 AU- <INVENTORS> GIANAKOUROS N B; SHAW D E; GIANAKOUROS N P|
 NC- 097|
 NP- 003|
 PN- WO 200227606 A2 20020404 WO 2001US29964 A 20010926 200240 B|
 PN- US 20020055901 A1 20020509 US 2000234927 A 20000926 200240
 <AN> US 2001962242 A 20010926
 PN- AU 200193071 A 20020408 AU 200193071 A 20010926 200252|
 AN- <LOCAL> WO 2001US29964 A 20010926; US 2000234927 A 20000926; US
 2001962242 A 20010926; AU 200193071 A 20010926|
 AN- <PR> US 2000234927 P 20000926; US 2001962242 A 20010926|
 FD- WO 200227606 A2 G06F-017/60
 <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
 LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
 FD- US 20020055901 A1 G06F-017/60 Provisional application US 2000234927
 FD- AU 200193071 A G06F-017/60 Based on patent WO 200227606|
 LA- WO 200227606(E<PG> 50)|
 DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD
 SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
 DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
 IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
 AB- <PN> WO 200227606 A2|
 AB- <NV> NOVELTY - After receiving block-size agency orders from
 institutional clients, sponsoring brokers enter corresponding trading
 alerts into the system via web-based broker graphical user interfaces
 (GUI) and the clients monitor and modify trading alerts via their
 own GUIs. The system continually evaluates alerts for possible trading
 opportunities and facilitates manual negotiation or automatic execution
 if offsetting alerts are found, while immediately reporting all
 resulting alerts to users and to the consolidated tape.|
 AB- <BASIC> DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a
 computer system for trading financial instruments.
 USE - Electronic negotiation and execution of block-size trades in
 financial instruments.
 DESCRIPTION OF DRAWING(S) - The drawing shows the system.
 pp; 50 DwgNo 1/5|
 DE- <TITLE TERMS> ELECTRONIC; NEGOTIATE; EXECUTE; BLOCK; BASED; TRADE;
 INFORMATION; ENTER; SYSTEM; INTERMEDIARY; PARTICIPATING|
 DC- T01; T05|
 IC- <MAIN> G06F-017/60|
 MC- <EPI> T01-J12B1; T01-N01A1; T01-N01A2F; T01-N02B2; T05-L02|
 FS- EPI||

13/4/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2002-258844/200231|

XR- <XRPX> N02-200564|

TI- Wireless alarm system has distributed unit broadband detector receiving pulses from central unit to **detect** state **changes** by comparison using schema agreed with central unit|

PA- BARTELS O (BART-I)|

AU- <INVENTORS> BARTELS O|

NC- 001|

NP- 001|

PN- DE 10062297 C1 20020411 DE 1062297 A 20001214 200231 B|

AN- <LOCAL> DE 1062297 A 20001214|

AN- <PR> DE 1062297 A 20001214|

LA- DE 10062297(5)|

AB- <PN> DE 10062297 C1|

AB- <NV> NOVELTY - The system has a central unit(s) and at least one distributed unit that can **exchange information** contactlessly via transmitters and receivers. The distributed unit has at least one **input** filter in its receiver. The central unit normally transmits pulses at defined times that are distributed in spectrally broadband manner. The distributed unit receives the pulses with a broadband **detector** and **detects** state **changes** using an agreed schema.|

AB- <BASIC> DETAILED DESCRIPTION - The system has at least one central unit and at least one distributed unit, e.g. a motion sensor, which can exchange information contactlessly via transmitters and receivers in each unit. The distributed unit has at least one input filter (F1) in its receiver and a broadband detector (BD1). The central unit normally transmits pulses at defined times that are distributed in spectrally broadband manner. The distributed unit receives the pulse with the broadband **detector** and **detects** state **changes** by comparison using a schema agreed with the central unit.

USE - Alarm systems, warning systems or other state-controlled radio systems.

ADVANTAGE - The auxiliary channel is implemented in a particularly energy efficient, spectrum efficient and inexpensive manner.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic representation of a wireless alarm system receiver (Drawing includes non-English text)

Preamplifier (V1)

Filter (F1)

Broadband detector (BD1)

pp; 5 DwgNo 1/1|

DE- <TITLE TERMS> WIRELESS; ALARM; SYSTEM; DISTRIBUTE; UNIT; BROADBAND; DETECT; RECEIVE; PULSE; CENTRAL; UNIT; DETECT; STATE; CHANGE; COMPARE; AGREE; CENTRAL; UNIT|

DC- W05|

IC- <MAIN> G08B-025/10|

MC- <EPI> W05-B05A5; W05-B05B2; W05-B09|

FS- EPI||

13/4/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-602158/200168|

XR- <XRPX> N01-449338|

TI- Portable musical instrument direct recording and playback device for

commercial purposes, generates control signals including signals operable to activate record and playback modes, to processor|

PA- GIBSON GUITAR CORP (GIBS-N)|

AU- <INVENTORS> JUSZKIEWICZ H E|

NC- 094|

NP- 003|

PN- WO 200104871 A1 20010118 WO 2000US17520 A 20000622 200168 B|

PN- AU 200058909 A 20010130 AU 200058909 A 20000622 200168

PN- EP 1216471 A1 20020626 EP 2000944882 A 20000622 200249

<AN> WO 2000US17520 A 20000622|

AN- <LOCAL> WO 2000US17520 A 20000622; AU 200058909 A 20000622; EP 2000944882 A 20000622; WO 2000US17520 A 20000622|

AN- <PR> US 99346053 A 19990707|

FD- WO 200104871 A1 G10H-007/00

<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

FD- AU 200058909 A G10H-007/00 Based on patent WO 200104871

FD- EP 1216471 A1 G10H-007/00 Based on patent WO 200104871

<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI|

LA- WO 200104871(E<PG> 22); EP 1216471(E)|

DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|

DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI; EA; GH; GM; KE; LS; MW; MZ; OA; SD; SL; SZ; TZ; UG; ZW|

AB- <PN> WO 200104871 A1|

AB- <NV> NOVELTY - A processor (14) linked to input stage (12), operates to store digital audio signals on internal storage unit (22), which is converted to analog format during playback mode by output stage (17). Communication port **exchanges data** with external digital storage unit. External control **input device** (16) generates control signals that include signals operable to activate record and playback modes, to processor.|

AB- <BASIC> USE - For use in conjunction with musical instruments for personnel enjoyment, also for commercial purposes such as to make a record of a song writing session, to create a song demo recording, to create a musical instrument **track** for **editing** or mixing, or for archival purposes.

ADVANTAGE - Provides an audio recording and playback device that may be conveniently carried and operated by a musician to record the music he or she creates with a musical instrument. The device has both internal storage that can easily be cued and reviewed as well as interface to an external storage and editing device.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic drawing of the musical instrument direct recording and playback device.

Input stage (12)

Processor (14)

Input device (16)

Output stage (17)

Internal storage unit (22)

pp; 22 DwgNo 1/1|

DE- <TITLE TERMS> PORTABLE; MUSIC; INSTRUMENT; DIRECT; RECORD; PLAYBACK; DEVICE; COMMERCIAL; PURPOSE; GENERATE; CONTROL; SIGNAL; SIGNAL; OPERATE; ACTIVATE; RECORD; PLAYBACK; MODE; PROCESSOR|

DC- P86; U21; W04|

IC- <MAIN> G10H-007/00|

Search Report from Ginger D. Roberts

MC- <EPI> U21-A02A; U21-A02B1; W04-U01|
FS- EPI; EngPI||

13/4/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-430402/200146|

TI- Auction system and method for offering job over data network|

PA- KIM J S (KIMJ-I)|

AU- <INVENTORS> KIM J S|

NC- 001|

NP- 001|

PN- KR 2001000783 A 20010105 KR 200061538 A 20001019 200146 B|

AN- <LOCAL> KR 200061538 A 20001019|

AN- <PR> KR 200061538 A 20001019|

LA- KR 2001000783(1)|

AB- <PN> KR 2001000783 A|

AB- <NV> NOVELTY - A job offering auction system and method is provided to perform a job seeking or a worker hiring auction among job seekers and job offerers and give them milage points according to the satisfaction degree of the job seekers and the job offerers.|

AB- <BASIC> DETAILED DESCRIPTION - A job offering auction system comprises a communication control module(102), a data input module(104), a job offerer profile database (106), a job seeker profile database (108), an auction database (110), a milage management database (112), a web document editor (114), an auction execution algorithm(116) and a control module(120). The communication control module(102) performs a signal I/O and a protocol matching with respect to a data communication network. The job offerer profile database (106) stores a set of company data such as a business category, a registration number, a revenue or a profit, and a set of worker requirement conditions such as a work category, a pay, a work term or other work condition. The job seeker profile database (108) stores a personal profile data and seeking work related conditions. The control module(120) receives the data from the job seekers and offerers, stores the data at the databases (106,108), and performs the auction among them by controlling the auction execution algorithm(116).
pp; 1 DwgNo 1/10|

DE- <TITLE TERMS> AUCTION; SYSTEM; METHOD; OFFER; JOB; DATA; NETWORK|

DC- T01|

IC- <MAIN> G06F-017/60|

MC- <EPI> T01-J05A|

FS- EPI||

13/4/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 2001-307990/200132|

XR- <XRPX> N01-220426|

TI- Sensing, monitoring and responding medical implant has sensors to monitor data in implant or environment of implant in patient, and actuating devices implement response corresponding to monitored data|

PA- ENDOLUMINAL THERAPEUTICS INC (ENDO-N)|

AU- <INVENTORS> SLEPIAN M J; MARVIN S J|

NC- 094|

NP- 003|

PN- WO 200119239 A1 20010322 WO 2000US25426 A 20000915 200132 B|

PN- AU 200073831 A 20010417 AU 200073831 A 20000915 200140
 PN- EP 1215994 A1 20020626 EP 2000961948 A 20000915 200249
 <AN> WO 2000US25426 A 20000915|
 AN- <LOCAL> WO 2000US25426 A 20000915; AU 200073831 A 20000915; EP
 2000961948 A 20000915; WO 2000US25426 A 20000915|
 AN- <PR> US 99154637 P 19990917|
 FD- WO 200119239 A1 A61B-005/00
 <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
 CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
 LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
 FD- AU 200073831 A A61B-005/00 Based on patent WO 200119239
 FD- EP 1215994 A1 A61B-005/00 Based on patent WO 200119239
 <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
 MC MK NL PT RO SE SI|
 LA- WO 200119239(E<PG> 32); EP 1215994(E)|
 DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
 SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
 DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LT; LU; LV; MC; MK; NL; PT; RO; SE; SI; EA; GH; GM; KE; LS; MW; MZ; OA;
 SD; SL; SZ; TZ; UG; ZW|
 AB- <PN> WO 200119239 A1|
 AB- <NV> NOVELTY - Sensors (40) monitor data related to variables selected
 from the group consisting of electrical, magnetic, mechanical, fluid
 flow, chemical and thermal properties in implant (10) or implant's
 environment, in a patient. Monitoring devices (50,30) and actuating
 devices (20) implement response to data in the implant device (10).|
 AB- <BASIC> DETAILED DESCRIPTION - The system has a **data storage** device
 on the device (10) or contiguous to the device or within or on the body
 of patient. The system includes a telemetry device and a device for
 communication to one of a series of tested groups of **information**
exchange. An external **input** is connected through loops to effectuate
 change in the device from an actuator (20). Monitoring devices (50,30)
 are placed external to patient. A sensor (40) **detects the changes**
 in pH, temperature, ion concentration or analyte concentration. The
 actuator modifies the shape or position of implant (10) in response to
 signal from the sensor. The device includes a bioactive, diagnostic or
 prophylactic agent or pH modifying agent, which is released into
 environment. An INDEPENDENT CLAIM is also included for usage method of
 implant.
 USE - In implants such as endoluminal stents, stent-grafts, grafts,
 rings, hooks, sutures, wires, tissue conduits that are implanted in
 arteries, veins, venous fistulas, bile ducts, ureter, fallopian tubes,
 artificial spaces created surgically for radiology, gastroenterology,
 urology, cardiology and other fields of surgery.
 ADVANTAGE - Enables alteration of local environment or local or
 distant therapy based on data sensed by sensor.
 DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of
 implant connected to sensor and transponder.
 Implant (10)
 Actuating devices (20)
 Monitoring devices (30,50)
 Sensor (40)
 pp; 32 DwgNo 2/5|
 DE- <TITLE TERMS> SENSE; MONITOR; RESPOND; MEDICAL; IMPLANT; SENSE; MONITOR
 ; DATA; IMPLANT; ENVIRONMENT; IMPLANT; PATIENT; ACTUATE; DEVICE;
 IMPLEMENT; RESPOND; CORRESPOND; MONITOR; DATA|
 DC- P31; S05; T01|
 IC- <MAIN> A61B-005/00|

MC- <EPI> S05-D06; S05-F09; T01-J06A; T01-J08A|
FS- EPI; EngPI||

13/4/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-195861/200120|

DX- <RELATED> 2000-399303|

XR- <XRPX> N01-139737|

TI- Continuous recording system for remote video **monitoring** system, has controller which **changes** forwarding of data between fixed and removable **disk** drives, based on exchange condition of removable drive

PA- HITACHI MAXELL KK (HITM)|

NC- 001|

NP- 001|

PN- JP 2001014801 A 20010119 JP 99302968 A 19991025 200120 B|

AN- <LOCAL> JP 99302968 A 19991025|

AN- <PR> JP 99120698 A 19990427; JP 98321437 A 19981027; JP 98321379 A 19981028; JP 992266 A 19990107; JP 99120677 A 19990427|

LA- JP 2001014801(36)|

AB- <PN> JP 2001014801 A|

AB- <NV> NOVELTY - A controller (70) records the **input data** in a removable memory drive. When **exchange** of removable memory is performed, **data** is recorded on the fixed **disk** drive. Data is continuously recorded, by controlling the forwarding of data after recording of stored data on a new removable memory.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Information recording method;
- (b) Information recording system;
- (c) Image expansion/compression system;
- (d) System control method;
- (e) Monitoring system

USE - For recording video data from remote monitoring system.

ADVANTAGE - Improves reliability of system, by avoiding need for renewal of algorithm.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of continuous recording system.

Controller (70)

pp; 36 DwgNo 1/16|

DE- <TITLE TERMS> CONTINUOUS; RECORD; SYSTEM; REMOTE; VIDEO; MONITOR; SYSTEM; CONTROL; CHANGE; FORWARDING; DATA; FIX; REMOVE; **DISC** ; DRIVE; BASED; EXCHANGE; CONDITION; REMOVE; DRIVE|

DC- T03; W04|

IC- <MAIN> G11B-020/10|

IC- <ADDITIONAL> G11B-019/02; H04N-001/41; H04N-005/92; H04N-007/18; H04N-007/24|

MC- <EPI> T03-P01; W04-C10A3; W04-K05; W04-M01B1C|

FS- EPI||

13/4/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-158055/200116|

XR- <XRPX> N01-115065|

TI- Industrial control system for soft programmable logic control system,

virtually executes utility program remotely from peripheral computer having insufficient processing capability to run utility program|

PA- ROCKWELL TECHNOLOGIES LLC (ROCW)|

AU- <INVENTORS> KEELEY T M|

NC- 001|

NP- 001|

PN- US 6138174 A 20001024 US 97977469 A 19971124 200116 B|

AN- <LOCAL> US 97977469 A 19971124|

AN- <PR> US 97977469 A 19971124|

LA- US 6138174(7)|

AB- <PN> US 6138174 A|

AB- <NV> NOVELTY - Peripheral computer which does not have operating system, executes communication program to transmit data from user input computer and to display graphics data received from control computer (12) which is spatially removed from it and which has memory with utility program (62). Utility program is virtually executed remotely from peripheral computer having insufficient processing capability to run program.|

AB- <BASIC> DETAILED DESCRIPTION - The control computer has a separate bus structure and **exchanges data** with the peripheral computer and an **input** -output module which provides electrical connections with a controlled process. The memory in the control computer has an operating system providing an interface between the control computer and only programs executed on the control computer. The memory holds a control data including input and output data exchanged through the input-output module and includes control program for processing input and output data when executed by the processor under the operating system.

The memory holds utility program executed on a stand alone computer running the operating system and reads the control data to produce a graphic representation of control data on graphics display in response to input from user input device. A shell program (64) executed by the processor of the control computer, simulates the stand-alone computer to execute the utility program by receiving data from user input device of peripheral computer and transmitting graphics data to the graphics display of peripheral computer.

USE - Industrial control system employing utility programs such as graphical **editors** and display programs in soft programmable **logic** control systems, for real-time processing.

ADVANTAGE - Allows utility programs to be executed on peripheral computers having insufficient computing resources to support operating system. Eliminates the need for peripheral computer to support the operating system necessary to run the utilities. Centralizes the **data storage** requirements for improving performance and simplifying protection of critical data at a single location of control computer.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of control computer.

Control computer (12)

Utility program (62)

Shell program (64)

pp; 7 DwgNo 2/4|

DE- <TITLE TERMS> INDUSTRIAL; CONTROL; SYSTEM; SOFT; PROGRAM; LOGIC; CONTROL; SYSTEM; VIRTUAL; EXECUTE; UTILISE; PROGRAM; REMOTE; PERIPHERAL ; COMPUTER; INSUFFICIENT; PROCESS; CAPABLE; RUN; UTILISE; PROGRAM|

DC- T01; T06|

IC- <MAIN> G06F-003/00|

MC- <EPI> T01-F05E; T01-H07C5; T01-J07B; T01-J12; T06-A04B1; T06-A07A|

FS- EPI||

13/4/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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Search Report from Ginger D. Roberts

AA- 2000-677969/200066|
 XR- <XRPX> N00-501838|
 TI- Device for scheduling and preparation of flight tasks for tactic aircraft group|
 PA- RAMENSKOE INSTRUMENT MAKING DES BUR (RAME-R)|
 AU- <INVENTORS> BRAZHNİK V M; CHARYSHEV SH F; DUDIN G A; DZHANDZHGA V A; GERASIMOV G I; NEGRIKOV V V; SHCHERBUNOV G I; ZINKO V A|
 NC- 001|
 NP- 001|
 PN- RU 2147141 C1 20000327 RU 99108140 A 19990421 200066 B|
 AN- <LOCAL> RU 99108140 A 19990421|
 AN- <PR> RU 99108140 A 19990421|
 AB- <PN> RU 2147141 C1|
 AB- <NV> NOVELTY - The device has keyboard, manipulator, digital graphical display, device for recording carriers of flight tasks and device for printing flight documents, which are connected to electronic unit of system, which is designed as assembly of computational and logical units which are connected to using direct information exchange channel. Multiplicity of units consists of distributed **data base**, unit for planning operations of aircraft group in target region, unit for displaying **information** and generation of images and **input**, output, and control of **information exchange**. In **addition** device has computational and **logical** units for planning of aircraft in-flight refueling operations, planning of aircraft gathering in target region to arrange attacking order, planning of dissolution of attacking order of aircraft group for arranging their landing in different airdromes.|
 AB- <BASIC> USE - Military air force groups.
 ADVANTAGE - Increased functional capabilities. 2 dwg
 pp; 0 DwgNo 0/0|
 DE- <TITLE TERMS> DEVICE; SCHEDULE; PREPARATION; FLIGHT; TASK; TACTIC; AIRCRAFT; GROUP|
 DC- T01; W06; W07|
 IC- <MAIN> G06F-015/00|
 MC- <EPI> T01-J; T01-J05B4P; T01-J06B; W06-B; W07-X|
 FS- EPI||

13/4/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2000-029463/200003|
 XR- <XRPX> N00-022487|
 TI- Edit information updating system for recording and reproducing apparatus e.g. mini- **disc** system - updates edit **information** stored in edit area depending on **disc exchange** or **insertion** of new **disc** detected by **disc** detecting unit|
 PA- SONY CORP (SONY)|
 NC- 001|
 NP- 001|
 PN- JP 11297039 A 19991029 JP 9894580 A 19980407 200003 B|
 AN- <LOCAL> JP 9894580 A 19980407|
 AN- <PR> JP 9894580 A 19980407|
 FD- JP 11297039 A G11B-027/00|
 LA- JP 11297039(23)|
 AB- <BASIC> JP 11297039 A

NOVELTY - Registered name of a **disc** (1) is stored as an edit information. The name is entered through a character information input device. If the **disc** is not loaded during name entering, the entered name is stored in **edit** area. A **disc** detecting unit (30) detects insertion or removal condition of the **disc**. The edit **data** stored in edit area is updated depending on **disc exchange** or **insertion** of

new **disc** . DETAILED DESCRIPTION - Edit **information** of correctly loaded **disc** and the data input by character information input device are stored in separate memory. Updating process is performed depending on detection result of **disc** detecting unit after completion of character information input operation.

USE - For recording and reproducing apparatus e.g. mini- **disc** system.

ADVANTAGE - Since character information about desired **disc** can be made to record automatically, frequency of key operation is reduced. Possibility for misoperation of character information updating process is reduced hence improving user's versatility. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the recording and reproducing apparatus. (1) **Disc** ; (30) **Disc** detecting unit.

Dwg.1/18|

DE- <TITLE TERMS> EDIT; INFORMATION; UPDATE; SYSTEM; RECORD; REPRODUCE;
APPARATUS; MINI; **DISC** ; SYSTEM; UPDATE; EDIT; INFORMATION; STORAGE;
EDIT; AREA; DEPEND; **DISC** ; EXCHANGE; INSERT; NEW; **DISC** ; DETECT;
DISC ; DETECT; UNIT|
DC- T03|
IC- <MAIN> G11B-027/00|
MC- <EPI> T03-J|
FS- EPI||

13/4/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 1997-184469/199717|

XR- <XRPX> N97-151990|

TI- Man day collection method of notebook type data processor e.g.
electronic notebook for several industries - by accumulating all man
day inputs through touch type input unit from all notebook data
processors assigned to each type of industries, by computer|

PA- KAJIMA CORP (KAJI)|

NC- 001|

NP- 001|

PN- JP 9044528 A 19970214 JP 95195557 A 19950731 199717 B|

AN- <LOCAL> JP 95195557 A 19950731|

AN- <PR> JP 95195557 A 19950731|

FD- JP 9044528 A G06F-017/40|

LA- JP 9044528(11)|

AB- <BASIC> JP 9044528 A

The method involves **editing** the man day **report** that contains the production table of a work place to each type of industry by a computer. A notebook **data** processor that includes a fixed panel, a memory, a touch type **input** unit, and a display is assigned to each type of industry. **Data exchange** is performed between the computer and each notebook data processor.

The report and the table are posted to the memory of each type of industry from the computer. The man day of each type of industry is input to the notebook data processor through the touch type input unit. The input man day is posted from the processor to the computer. All input man day of the processors are accumulated by the computer.

ADVANTAGE - Reduces human error and sharply improves precision of man day collection. Quickly performs retouch and enables input error to be corrected since input error is detected automatically. Saves labour cost since skilled expert is not required during input of manual work to computer and because input through touch type input unit is performed without key operation. Performs man day collection at high speed since working situation and step charge are grasped immediately.

Dwg.1/8|

Search Report from Ginger D. Roberts

DE- <TITLE TERMS> MAN; DAY; COLLECT; METHOD; TYPE; DATA; PROCESSOR;
ELECTRONIC; INDUSTRIAL; ACCUMULATE; MAN; DAY; INPUT; THROUGH; TOUCH;
TYPE; INPUT; UNIT; DATA; PROCESSOR; ASSIGN; TYPE; INDUSTRIAL; COMPUTER|
DC- T01|
IC- <MAIN> G06F-017/40|
IC- <ADDITIONAL> G06F-017/00|
MC- <EPI> T01-J07A1|
FS- EPI||

13/4/11 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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AA- 1995-353997/199546|
TI- Sentence processing device - has processing unit that changes character
size information stored by sentence memory unit, so that sentence to
settled in optimum character size in specified area|
PA- MITSUBISHI ELECTRIC CORP (MITQ)|
NC- 001|
NP- 001|
PN- JP 7234869 A 19950905 JP 9425534 A 19940223 199546 B|
AN- <LOCAL> JP 9425534 A 19940223|
AN- <PR> JP 9425534 A 19940223|
FD- JP 7234869 A G06F-017/24|
LA- JP 7234869(11)|
AB- <BASIC> JP 7234869 A

The sentence processing device (1) has an **input** unit for a character and control **information**. The area **information** which **exchanges** the character information comprising a sentence, is stored by a sentence memory unit (5). The ornamentation information on a character unit and the character size information on a character are also stored by the sentence memory unit.

Another memory unit attaches an attribute data to each character data comprising **document** information. The processing unit **changes** the character size information of the character data stored in the memory unit according to the character or control information input by the input unit. As a result, the sentence is settled in optimum character size in the specified area.

ADVANTAGE - Prints sentence of free layout briefly. Makes sentence highly legible. Simplifies operation. Eliminates need for specifying attribute again during edit operation.

Dwg.1/12|

DE- <TITLE TERMS> SENTENCE; PROCESS; DEVICE; PROCESS; UNIT; CHANGE;
CHARACTER; SIZE; INFORMATION; STORAGE; SENTENCE; MEMORY; UNIT; SO;
SENTENCE; SETTLE; OPTIMUM; CHARACTER; SIZE; SPECIFIED; AREA|
DC- T01|
IC- <MAIN> G06F-017/24|
MC- <EPI> T01-J11A|
FS- EPI||

13/4/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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AA- 1987-085730/198712|
XR- <XRPX> N87-064356|
TI- Computer with active peripherals operation interruption appts. - has
output of first AND-gate connected in clock input of first flip-flop
with reset input to reset rail|
PA- MOLODECHNO SEMICOND (MOLO-R)|
AU- <INVENTORS> SKOKLYUK V N|

NC- 001|
 NP- 001|
 PN- SU 1249514 A 19860807 SU 3820530 A 19841204 198712 B|
 AN- <LOCAL> SU 3820530 A 19841204|
 AN- <PR> SU 3820530 A 19841204|
 FD- SU 1249514 A |
 LA- SU 1249514(4)|
 AB- <BASIC> SU 1249514 A

Initially the device is in its first state, with logic '0' in flipflops (1,2) and logic '1' in flipflops (3,4). A logic '1' on the inverting output of flip flop (2) allows a search of the peripheral equipment for any possible interruption and any request for time appears on input (20). Input (19) receives the permission for this and flip flop (1) switches over, giving a signal indicating an interruption to the computer, and changing flip flop (2) to logic '1' state. A signal from the last goes to output (28) and the device is now in its second state. Until a clock pulse arrives on input (26), strobing the data exchange, this continues.

If, before this or during this, a signal erasing the interruption arrives, flip flop (1) goes into logic '0' state, and when the data transmission ends logic '1' is passed to input (22) and flip flop (1) changes to logic '1' state, synchronising the exchange of the states of flipflops (2,3,4). The first inputs of AND-gate (16), NAND-gate (8,9,11,12) receive a '0' and the inputs of the EXCLUSIVE-OR-gate (18) logic '1', so that at a synchrosignal the data on the inputs is recorded in flipflops (2,3,4). The device is now in its third state. Due to the signals on inputs (19,20), data from the computer is passed to the device and signal from the inverting output of flip flop (2) and the direct output of flip flop (3) open AND-gate (17) through AND-gate (16), recording the control data in register (5). The device is now in its fourth state and more data goes to the computer. In the fifth the results are passed to the peripheral equipment and the sixth and seventh return the device to its initial state.

USE/ADVANTAGE - This innovation concerns electronics and computing systems and is suitable for use in data exchange and processing systems. The advantage is an ordered interruption of the main frame . Bul.29/7.8.86.

Dwg.1/2|

DE- <TITLE TERMS> COMPUTER; ACTIVE; PERIPHERAL; OPERATE; INTERRUPT;
 APPARATUS; OUTPUT; FIRST; AND-GATE; CONNECT; CLOCK; INPUT; FIRST;
 FLIP-FLOP; RESET; INPUT; RESET; RAIL|
 DC- T01|
 IC- <ADDITIONAL> G06F-009/46|
 MC- <EPI> T01-H05B|
 FS- EPI||

13/4/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

AA- 1987-021957/198703|
 XR- <XRPX> N87-016614|
 TI- Document, esp. currency, dispensing apparatus - has removable container
 and information-indicating buttons associated with container
 representing data concerning its contents|
 PA- DIEBOLD INC (DIEB-N); INTERBOLD TECHNOLOGIES INC (INTE-N); INTERBOLD
 (INTE-N)|
 AU- <INVENTORS> ALLISON T B; EASTMAN J M; GRAEF H T; NEWTON K H|
 NC- 013|
 NP- 028|
 PN- WO 8700154 A 19870115 WO 86US1201 A 19860528 198703 B|
 PN- AU 8661203 A 19870130 198716

Search Report from Ginger D. Roberts

PN- EP 227793 A 19870708 EP 86904495 A 19860528 198727
 PN- JP 62503165 W 19871217 JP 86503636 A 19860528 198805
 PN- AU 8934826 A 19890907 198944
 PN- US 4871085 A 19891003 US 86931010 A 19861117 198949
 PN- EP 399570 A 19901128 199048
 PN- CA 1276304 C 19901113 199051
 PN- AU 9065688 A 19910131 199112
 PN- EP 459529 A 19911204 EP 91111932 A 19860528 199149
 PN- CA 1296100 C 19920218 199214
 PN- US 5099423 A 19920324 US 89370216 A 19890622 199215
 PN- US 5141127 A 19920825 US 85749960 A 19850627 199237
 <AN> US 86931010 A 19861117
 <AN> US 89370216 A 19890622
 <AN> US 91734345 A 19910717
 PN- AU 9332136 A 19930325 AU 9065688 A 19901031 199319
 <AN> AU 9332136 A 19930129
 PN- AU 635978 B 19930408 AU 9065688 A 19901031 199321
 <AN> AU 8934826 A 19890000
 PN- EP 459529 A3 19920122 EP 91111932 A 19860528 199322
 PN- EP 399570 A3 19920520 EP 90112217 A 19860528 199331
 PN- EP 600848 A2 19940608 EP 91111932 A 19860528 199422
 <AN> EP 94100165 A 19860528
 PN- EP 600848 A3 19940817 EP 94100165 A 19860528 199530
 PN- EP 227793 B1 19951004 EP 86904495 A 19860528 199544
 <AN> WO 86US1201 A 19860528
 PN- EP 399570 B1 19951018 EP 90112217 A 19860528 199546
 PN- EP 459529 B1 19951018 EP 91111932 A 19860528 199546
 PN- DE 3650412 G 19951109 DE 3650412 A 19860528 199550
 <AN> EP 86904495 A 19860528
 <AN> WO 86US1201 A 19860528
 PN- DE 3650424 G 19951123 DE 3650424 A 19860528 199601
 <AN> EP 90112217 A 19860528
 PN- DE 3650425 G 19951123 DE 3650425 A 19860528 199601
 <AN> EP 91111932 A 19860528
 PN- AU 665390 B 19960104 AU 9065688 A 19901031 199608
 <AN> AU 9332136 A 19930129
 PN- EP 600848 B1 19970122 EP 91111932 A 19860528 199709
 <AN> EP 94100165 A 19860528
 PN- DE 3650595 G 19970306 DE 3650595 A 19860528 199715
 <AN> EP 94100165 A 19860528|
 AN- <LOCAL> WO 86US1201 A 19860528; EP 86904495 A 19860528; JP 86503636 A
 19860528; US 86931010 A 19861117; EP 91111932 A 19860528; US 89370216 A
 19890622; US 85749960 A 19850627; US 86931010 A 19861117; US 89370216 A
 19890622; US 91734345 A 19910717; AU 9065688 A 19901031; AU 9332136 A
 19930129; AU 9065688 A 19901031; AU 8934826 A 19890000; EP 91111932 A
 19860528; EP 90112217 A 19860528; EP 91111932 A 19860528; EP 94100165 A
 19860528; EP 94100165 A 19860528; EP 86904495 A 19860528; WO 86US1201 A
 19860528; EP 90112217 A 19860528; EP 91111932 A 19860528; DE 3650412 A
 19860528; EP 86904495 A 19860528; WO 86US1201 A 19860528; DE 3650424 A
 19860528; EP 90112217 A 19860528; DE 3650425 A 19860528; EP 91111932 A
 19860528; AU 9065688 A 19901031; AU 9332136 A 19930129; EP 91111932 A
 19860528; EP 94100165 A 19860528; DE 3650595 A 19860528; EP 94100165 A
 19860528|
 AN- <PR> US 85749960 A 19850627; US 89370216 A 19890622; US 91734345 A
 19910717|
 CT- EP 14312; EP 30413; FR 2443405; GB 2039264; SSR880706; US 2536155; US
 2919790; US 3142816; US 3144524; US 3308274; US 3611403; US 3665160; US
 3673389; US 3914579; US 4016405; US 4221376; US 4291408; US 4317957; US
 4321672; US 4337864; US 4494747; US 4573606; US 4594663; NoSR.Pub; GB
 2121569|
 FD- WO 8700154 A
 FD- EP 227793 A
 FD- US 4871085 A

Search Report from Ginger D. Roberts

FD- US 5099423 A Div ex patent US 4871085
 FD- US 5141127 A B65H-003/00 Cont of application US 85749960
 Div ex application US 86931010
 Div ex application US 89370216
 Div ex patent US 4871085
 Div ex patent US 5099423
 FD- AU 9332136 A G06K-011/00 Div ex application AU 9065688
 FD- AU 635978 B G06F-015/21 Div ex application AU 8934826
 Previous Publ. patent AU 9065688
 FD- EP 600848 A2 B65H-001/08 Related to application EP 91111932
 FD- EP 600848 A3 Related to patent EP 459529
 FD- EP 227793 B1 B65H-001/08 Based on patent WO 8700154
 FD- EP 399570 B1 B65H-001/08
 FD- EP 459529 B1 B65H-001/08
 FD- DE 3650412 G B65H-001/08 Based on patent EP 227793
 Based on patent WO 8700154
 FD- DE 3650424 G B65H-001/08 Based on patent EP 399570
 FD- DE 3650425 G B65H-001/08 Based on patent EP 459529
 FD- AU 665390 B G06K-011/00 Div ex application AU 9065688
 Previous Publ. patent AU 9332136
 FD- EP 600848 B1 B65H-001/08 Div ex application EP 91111932
 <DS> (Regional): BE CH DE FR GB IT LI NL SE
 FD- DE 3650595 G B65H-001/08 Based on patent EP 600848|
 LA- WO 8700154 (E<PG> 51); EP 227793 (E); US 4871085 (19); US 5099423 (19); US
 5141127 (20); EP 600848 (E<PG> 16); EP 227793 (E<PG> 23); EP 399570 (E<PG>
 20); EP 459529 (E<PG> 18); EP 600848 (E<PG> 17) |
 DS- <NATIONAL> AU JP|
 DS- <REGIONAL> BE; CH; DE; FR; GB; IT; LI; NL; SE|
 AB- <BASIC> WO 8700154 A

The container is in the form of a canister (10) which stores currency notes (30) or other documents such as traveller's cheques to be dispensed. The buttons (25) are of resilient material and are arranged to project, each through a respective hole formed in a face plate, from the canister. A respective boss at the base of the button prevents it from passing completely through the face plate from the inside of the canister. Each canister in an automatic teller machine cooperates with a respective picker mechanism which includes a canister mounting plate (103) and a roller (102) mounted on a shaft (106).

The roller incorporates high-friction rubber parts (112) for pulling notes off the stack (30) in the canister. The arrangement of buttons represents information about location, ownership and serial number of each canister, the type and denomination of notes in the canister and **changes** in the status of **documents** in the canister. Each button acts with a respective actuator (128) and electrical switch (130) to provide the information in the form of electrical signals for input to a computer.

ADVANTAGE - Document canister is labelled reliably and permanently in machine-readable form with information representing ownership and contents of the canister.

Dwg. 9/13|

AB- <EP> EP 600848 B

Apparatus for dispensing documents, including at least one removable container (10) for holding a supply of documents (30) and a machine associated with said container, said apparatus comprising:

a housing (101) of said machine, said container (10) mounted on said housing during operating of the apparatus;

a picker mechanism (100) mounted on said housing in operative connection with said container for removing documents from the supply for dispense;

a plurality of information indicating means (25, 26) associated with said container;

a plurality of sensing means (12) associated with said machine; and control means (130) in operative connection with said sensing means

controlling the picker mechanism (100), the said indicating means (25, 26) being selectable between a first condition and a second condition, an arrangement of said conditions representing a characteristic of said documents, and being changeable to produce different arrangements representing different characteristics of said documents, characterised in that the said control means (130) adjust how the picker mechanism (100) operates in accordance with the characteristic represented by the selected arrangement of the indicating means.

Dwg.1/12

EP 459529 B

A method for recording picking failures when documents (30) are picked from an interchangeable container (10) by a dispensing apparatus which comprises sensing means to detect when a picking failure from the container occurs the method comprising generating signals representative of the occurrence of the picking failure and transmitting electrically said signals from said dispensing apparatus to a recording station, said recording station recording the occurrence of the picking failure, characterised in that the method is applied to a system having a plurality of containers (10) each of these containers being labelled with a data item, in that there are reading means for reading these data items, in that signals representative of these data items are generated, and in that said data items are represented by a plurality of machine readable information indicting means comprising uniformly sized holes (26) in said containers (10) adapted to receive spring-loaded protuberance (25) movably mounted therein and selectable between a first condition and a second condition.

Dwg.1/13

EP 399570 B

A System of labelling containers, comprising a plurality of information indicating means (25, 26) associated with said container (10), said indicating means being selectable between a first condition and a second condition, and verification means to verify the correct receipt of data represented by an arrangement of said information indicating means, characterized in that said plurality of information indicating means is divided in at least two subsets (136, 146, 148, 154, 158), arrangements of said conditions in said subsets representing data, and in that the data represented by the arrangement in at least one first subset is useable as verification means to verify the correct receipt of data represented by the arrangement in at least one second subset.

Dwg.11/16

EP 227793 B

Apparatus for dispensing documents, including at least one removable container (10) for holding a supply of documents (30) and a machine associated with said container, said apparatus comprising: a housing (101) of said machine, said container (10) mounted on said housing during operation of the apparatus; a picker mechanism (100) mounted on said housing in operative connection with said container for removing documents from the supply for dispense; a plurality of information indicating means associated with said container, said means being selectable between a first condition and a second condition, an arrangement of said conditions representing a characteristic of said documents; a plurality of means (128) associated with said machine for sensing the state of the indicating means; and control means (130) in operative connection with said sensing means controlling the picker mechanism (100) according to said characteristics; characterised in that the said information indicating means comprises a plurality of holes (26) adapted to receive buttons (25) therein and spring-loaded buttons (25) therein and spring-loaded buttons (25) selectively slidably mounted in said holes (26), in that said first condition is the presence and said second condition is the absence of a button extending from a hole, in that the sensing means comprise actuators (128) associated with electrical switches (30), each actuator (128)

being, in an operating position, in alignment with a respective hole (6) so as to contact the spring-loaded buttons (25) extending therefrom when present, and in that the arrangement of the buttons (25) in the holes (26) is changeable according to different characteristics of said documents.

Dwg.9/16|

AB- <US> US 5141127 A

The system comprises a device for labelling each container with a unique serial number which is machine readable. A reader in the appts. obtains the serial number and generates representative signals. A sensor detects when a picking failure associated with the container occurs. A signal generator provides signals representing the occurrence of the picking failure from the container.

The serial number labelled on the container is a binary digit. The binary digit is represented by a number of holes in the container. A binary one is represented by a protuberance extending from the hole. A binary zero is represented by the absence of a protuberance. The sensors are presence detectors adjacent the holes.

ADVANTAGE - Labelling information is tamper resistant but readily changed by authorised personnel. (Dwg.8/16)

US 5099423 A

A canister (10) holds a stack of documents (30) and has a face plate (24). The face plate (24) includes buttonholes (26). Spring loaded buttons (25) are distributed among buttonholes (26), the buttons (25) are distributed among buttonholes (26), the arrangement of the buttons representing items of data such as ownership of the canister, canister serial number, and document information such as the type, denomination, amount, and character of the documents in the canister.

When inserted in the ATM, the canister exchanges identifying information with the ATM via the arrangement of buttons. A computer, which controls the operation of the ATM, uses this information to do such things as adjust the operation of the ATM to conform to the type, denomination and character of the documents in each canister, settle accounts between entities who supply the documents to the ATM, track the location of each canister, determine serial numbers of canisters involved in dispense failures, and signal when the documents in a canister need to be replenished.

USE - For identifying and indicating the content of document canisters such as those used to hold supplies of documents in Automatic Teller Machines (ATMs). (19pp)

US 4871085 A

The appts. for identifying and indicating the content of document canisters such as those used to hold supplies of documents in Automated Teller Machines (ATMs). includes a canister (10) holding a stack of documents (30) and having a face plate (24). Face plate (24) includes buttonholes (26). Spring loaded buttons (25) are distributed among buttonholes (26); the arrangement of the buttons representing items of data such as ownership of the canister, canister serial number, and document information such as the type, denomination, amount, and character of the documents in the canister. In operating position, canister (10) is located in at ATM in contact with the picker mechanism which removes documents, one at a time from the canister.

The picker mechanism incorporates a switch plate which is adjacent to face plate (24) when canister (10) and picker mechanism are in operating position. Switch plate incorporates a plurality of switch actuators, the locations of which correspond to the locations of buttonholes (26). Each switch actuator is associated with an electrical switch which changes its electrical condition whenever its associated switch actuator is depressed. Electrical switches are connected to a computer which controls the operation of the ATM, as well as stores and processes data relating to ATM operation. The computer is programmed to associate the arrangement of buttons with the items of data represented by the arrangement. (19pp)c|

Search Report from Ginger D. Roberts

DE- <TITLE TERMS> DOCUMENT; CURRENCY; DISPENSE; APPARATUS; REMOVE;
CONTAINER; INFORMATION; INDICATE; BUTTON; ASSOCIATE; CONTAINER;
REPRESENT; DATA; CONTENT|
DC- P85; Q36; T01; T04; T05|
IC- <MAIN> B65H-001/08; B65H-003/00; G06F-015/21; G06K-011/00|
IC- <ADDITIONAL> B65H-003/06; B65H-003/44; G06F-015/22; G06F-015/30;
G06F-017/40; G06K-001/12; G06K-007/04; G06K-013/08; G06K-015/30;
G07D-009/00; G07F-011/00; G09F-003/02|
MC- <EPI> T01-J05A; T04-A03X; T05-K02; T05-L|
FS- EPI; EngPI||

13/4/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

AA- 1982-H4811E/198225|
TI- Control computer sensors interrogation multiplex channel - has central
operative memory interface connected to sub-channel register where
address of requesting peripheral is recorded|
PA- ISAENKO V I (ISAE-I)|
AU- <INVENTORS> KALINICHEV V A; TAFEL W M|
NC- 001|
NP- 001|
PN- SU 860044 B 19810830 198225 B|
AN- <PR> SU 2778031 A 19790607|
FD- SU 860044 B |
LA- SU 860044(3)|
AB- <BASIC> SU 860044 B

Multiplex channel contg. a central processor interface (1), control register (4), call address **modifier** (5) and interface **monitor** (9) has greater operating efficiency for use in input-output channels of digital computing machines, esp. control computers in e.g. aerial interrogation of sensors or subscribers.

A third output of the central operative memory interface (2) is connected to a third **input** of the subchannel register (3). Productivity of the **data - exchange** system is increased as a whole since the processor is less engaged in triggering a number of sensors.

If a peripheral is ready to receive or transmit data, its claim is presented to the channel which determines the address of the claimant peripheral and records it in the subchannel register via the peripherals interface (8). Accordingly, the control (4) and data (6) registers receive subchannel control data and a data word from the local memory (7) for data-exchange with the peripheral. Bul.32/30.8.81

Dwg.1|

DE- <TITLE TERMS> CONTROL; COMPUTER; SENSE; INTERROGATION; MULTIPLEX;
CHANNEL; CENTRAL; OPERATE; MEMORY; INTERFACE; CONNECT; SUB; CHANNEL;
REGISTER; ADDRESS; REQUEST; PERIPHERAL; RECORD|
DC- T01|
IC- <ADDITIONAL> G06F-003/04|
MC- <EPI> T01-C03|
FS- EPI||

13/4/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

AA- 1976-F5157X/197624|
TI- Telecommunication decadic digit receiver - serves exchange line
carrying decade type digit signals (BR040576)|
PA- PLESSEY HANDEL INVESTMENT AG (PLES)|
NC- 004|

NP- 004|
 PN- ZA 7502671 A 19760225 197624 B|
 PN- BR 7503417 A 19760504 197621
 PN- PT 63815 A 19760518 197629
 PN- GB 1496885 A 19780105 197801|
 AN- <PR> GB 7425372 A 19740530|
 AB- <BASIC> ZA 7502671 A

Proposed is a decadic digit receiver for use in a telecommunications switching system, the receiver serving several exchange lines each carrying decadic digit signals. The receiver includes (1) a multi-zone recirculating shift register each zone including binary **information** relevant to decadic digit signals detected on a particular **exchange** line, (11) a **scanner** for monitoring the **exchange** line and providing a time shared output in synchronism with the recirculation of the information in the multi-zone shift register, (111) shift register control logic to which the time-shaped output is supplied together with the recirculating shift register information. The control **logic** is arranged to **modify** the recirculated information in accordance with its previous setting and the state of the decadic digit signals on the particular exchange line.

DE- <TITLE TERMS> TELECOMMUNICATION; DECADE; DIGITAL; RECEIVE; SERVE;
 EXCHANGE; LINE; CARRY; DECADE; TYPE; DIGITAL; SIGNAL|
 DC- V06; W01|
 IC- <ADDITIONAL> H04M-003/54; H04Q-003/04; H04R-000/00|
 FS- EPI||

13/4/16 (Item 1 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
 CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
 TI- DEVICE AND METHOD FOR SUPPORTING FOREIGN **TRADE TRANSACTION** AND
RECORDING MEDIUM
 PN- 2002-056069 -JP 2002056069 A-
 PD- February 20, 2002 (20020220)
 AU- TACHIBANA NOBUYUKI
 PA- BANK OF TOKYO-MITSUBISHI LTD
 AN- 2000-244827 -JP 2000244827-
 AN- 2000-244827 -JP 2000244827-
 AD- August 11, 2000 (20000811)
 G06F-017/60
 AB- PROBLEM TO BE SOLVED: To effectively reduce an office work processing by people concerned for trade transaction. SOLUTION: An HDD 42 for storing plural types of foreign trade document information showing a foreign trade document required for foreign trade transaction is installed in a **server** 14 connected to clients 12 which the people concerned of foreign trade possess via the Internet 18. When the registration or **update** of specified trade **document** information is instructed by the people concerned, the registrations or **update** of specified trade **document** information is permitted when the people concerned have right for registering or updating specified trade document information. When the reference of trade document information is instructed from the people concerned, trade document information whose reference is instructed is read from the HDD 42 and is transmitted. When the content of trade **document** information is decided, the **update** of trade **document** information is inhibited. At the time of settlement, plural types of trade document information are transmitted to an importer, a bank or an exporter via a prescribed authenticating organization as the original of the foreign trade document. COPYRIGHT: (C)2002,JPO

13/4/17 (Item 2 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- STRUCTURING METHOD FOR PBX **DATABASE**
PN- 2000-032513 -JP 2000032513 A-
PD- January 28, 2000 (20000128)
AU- LENNERT JOSEPH FRANCIS; MAHANEY WILLIAM T; WATSON ERIC B
PA- LUCENT TECHNOL INC
AN- 11-095764 -JP 9995764-
AN- 11-095764 -JP 9995764-
AD- April 02, 1999 (19990402)
PR- 54193 [US 9854193], US (United States of America), April 02,
1998 (19980402)
H04Q-003/545; H04M-003/00; H04Q-003/58; H04Q-003/76

AB- PROBLEM TO BE SOLVED: To attain automation of replacement of manual
data input for setting intelligent network **data** for a
communication **exchange** by making a subscriber coinciding with PBX
data element data in a new **database** . SOLUTION: A user calls a
function 11 for implementing various kinds of setting functions for a
computer program from a user interface screen 110. A browse function
124 restricts the user to environment where only read-out is allowed,
but because of this restriction, a simple environment engineering
system(SEES) is made available for the many unskillful users to read
various kinds of **data bases** used in the operation of a
communication exchange 33. Then, PBX data element data are selected
from a PBX data element data field, and the PBX data element data
from the original **data base** are copied to a new **data base** .
Furthermore, the subscriber is made to agree with the PBX data
element data in the **new data base** . COPYRIGHT : (C)2000,JPO

13/4/18 (Item 3 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- STRUCTURING METHOD OF OPERATOR SERVICE **DATABASE**
PN- 2000-032512 -JP 2000032512 A-
PD- January 28, 2000 (20000128)
AU- LENNERT JOSEPH FRANCIS; MAHANEY WILLIAM T; WATSON ERIC B
PA- LUCENT TECHNOL INC
AN- 11-095761 -JP 9995761-
AN- 11-095761 -JP 9995761-
AD- April 02, 1999 (19990402)
PR- 54206 [US 9854206], US (United States of America), April 02,
1998 (19980402)
H04Q-003/545; H04M-003/00; H04Q-003/76

AB- PROBLEM TO BE SOLVED: To make manual **data input** unnecessary for
setting a new operator service **database** , regarding a communication
exchange by making a subscriber make agree with operator service
device data in a new **data base** . SOLUTION: A user calls a
function 111 for implementing the various kinds of setting functions
of a computer program. A browse function 124 restricts the user to
environment where only read-out is allowed, but with this
restriction, a simple environment engineering system(SEES) is made
available for many unskillful users to read various kinds of **data**
bases used in operation of a communication exchange 33. Then,
operator service device data are selected from among an operator
service device data field, and the operator service device data from
the original **data base** are copied in a new **data base** .
Moreover, the subscriber is made to agree with operator service
device data in the **new data base** . COPYRIGHT : (C)2000,JPO

13/4/19 (Item 4 from file: 347)

FN- DIALOG(R)File 347:JAPIO|

CZ- (c) 2002 JPO & JAPIO. All rts. reserv.
TI- **DOCUMENT EDITING DISPLAY AND PRINTER**
PN- 09-305578 -JP 9305578 A-
PD- November 28, 1997 (19971128)
AU- SUGIYAMA TAKUYA
PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
AN- 08-117328 -JP 96117328-
AN- 08-117328 -JP 96117328-
AD- May 13, 1996 (19960513)
IC- -6- G06F-017/21; G06F-003/14; G06F-017/24
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3
(INFORMATION PROCESSING -- Input Output Units)
KW- R139 (INFORMATION PROCESSING -- Word Processors)
AB- PROBLEM TO BE SOLVED: To reduce the number of jobs and to improve operability by preparing plural exchange area through one time of area editing operation concerning the area to which an exchange attribute is added.

SOLUTION: When a key for editing the **exchange** area is **inputted**, the **exchange** attribute, the number of **exchange** areas and **exchange** area **data** managing address are stored in the area managing **data** of a data area 108. The prepared area data are stored in the exchange area data of the data area 108, and the content editing picture of the exchange area is displayed on a display 103. Then, the number of pages in the prepared document is calculated from the exchange attribute and the number of exchange areas of area managing data, which are stored in this data area 108, and stored in the page managing information of the data area 108. Thus, the plural exchange contents of areas requiring the change of contents of areas inside the document to be prepared are prepared through one time of area editing operation.

13/4/20 (Item 5 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.
TI- MAINTENANCE COMMUNICATION CONNECTING SYSTEM
PN- 08-293863 -JP 8293863 A-
PD- November 05, 1996 (19961105)
AU- OOTSUKI YOSHIO
PA- NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
AN- 07-095064 -JP 9595064-
AN- 07-095064 -JP 9595064-
AD- April 20, 1995 (19950420)
IC- -6- H04L-012/24; H04L-012/26; H04M-003/22
CL- 44.3 (COMMUNICATION -- Telegraphy); 44.4 (COMMUNICATION -- Telephone)
AB- PURPOSE: To attain maintenance work without providing a maintenance communication controller for a maintained exchange by providing a TCAP processing part and multi-connects maintenance communication between a maintenance operation terminal and the maintained exchange by a logical line by way of a communication virtual network.

CONSTITUTION: Maintained exchanges E10 and E11 and exchanges E12 and E13 are provided with respective TCAP processing parts 100 to 103, maintenance communication control part 110 to 113 and maintenance information control parts 120 to 123. Each exchange E10 to E13 is connected with the communication virtual network (NW) using trans-action function application I/F and an ISDN network. In addition, a fault **detector** FE to which the exchange E10 is connected and maintenance operation terminals T10 and T11 to which the **exchanges** E12 and E13 are connected **input** /output fault and fault notifying **information** f1 and f2 and command input and response information cm1 and cm2. These commands and information are

communicated as maintenance information mutually between the respective exchanges. Thereby, maintenance communicating operation is made possible without providing the maintenance communication controller for the exchanges E10 and E11.

13/4/21 (Item 6 from file: 347)

FN- DIALOG(R)File 347:JAPIO|

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TI- NETWORK CONTROL AND OPERATION SYSTEM BY CONTROL SIGNAL MADE INTO FAX SIGNAL

PN- 05-103142 -JP 5103142 A-

PD- April 23, 1993 (19930423)

AU- HAYATA SHIN; NAKAGUCHI HIRONOBU; OKAZAKI KAZUMASA; HATTORI TAKESHI

PA- FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

AN- 03-259528 -JP 91259528-

AN- 03-259528 -JP 91259528-

AD- October 08, 1991 (19911008)

IC- -5- H04N-001/00; H04N-001/00

CL- 44.7 (COMMUNICATION -- Facsimile)

KW- R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

SO- Section: E, Section No. 1418, Vol. 17, No. 456, Pg. 155, August 20, 1993 (19930820)

AB- PURPOSE: To improve efficiency and reliability for a **monitoring** mechanism by providing an OMR **edition** /reading part of each device with a code conversion mechanism and making a detail format by utilizing a code of the OMR form.

CONSTITUTION: A transmission information memory 45 stores a transmission surface in the scanned state as a FAX signal, and a signal hybrid part 44 hybridizes output information to a display part and memory information at the time of the occurrence of a fault and outputs it as transmission information. A transmission and judgment part 43 has the dial information on a designated FAX, performs a transmission, and at the same time, judges the importance degree information on transfer information and performs judgment on a regulation on a FAX transfer or a public network transmission. An OMR edition/reading part 42 converts various information by an exclusive protocol to be used for the access from the conventional terminal and for **information exchange** inside the device into a FAX signal format and converts the **information inputted** as the FAX signal into an exclusive protocol. Thus, fault information which is collected is made into FAX signal and is transferred.

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Search Report from Ginger D. Roberts

14/TI/9 (Item 1 from file: 371)

DIALOG(R)File 371:(c) 2002 INPI. All rts. reserv. All rts. reserv.

Title: Dispositif d'interruption statique.

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?t14/4/2

14/4/2 (Item 2 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2002 Thomson Derwent. All rts. reserv.

IM- *Image available*
 AA- 2002-425005/200245|
 XR- <XRPX> N02-334147|
 TI- Data processing system for managing broker transaction information, performs reviewing, approving and disapproving of trade record transmitted between remote locations using encryption and decryption software|
 PA- BRENNAN K L (BREN-I); LAFORE D W (LAFO-I)|
 AU- <INVENTORS> BRENNAN K L; LAFORE D W |
 NC- 001|
 NP- 001|
 PN- US 20020032640 A1 20020314 US 2000497272 A 20000203 200245 B
 <AN> US 2001853986 A 20010511|
 AN- <LOCAL> US 2000497272 A 20000203; US 2001853986 A 20010511|
 AN- <PR> US 2001853986 A 20010511; US 2000497272 A 20000203|
 FD- US 20020032640 A1 G06F-017/60 CIP of application US 2000497272|
 LA- US 20020032640(71)|
 AB- <PN> US 20020032640 A1|
 AB- <NV> NOVELTY - A storage memory stores the processed data which is transmitted in a secure environment between various remote locations, using encryption and decryption software. A broker representative software is installed to respective computers which creates trade record and performs reviewing, approving and disapproving of the trade record. A trade audit security measure is provided, such that only authorized user accesses and uses the trade data.|
 AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
 (a) Broker transaction data processing and management method;
 (b) Broker transaction data processing and monitoring method
 USE - For managing broker transaction information such as client profiles, stock broker transactions, etc.; used by broker/dealer representatives, local brokerage offices and government regulators.
 ADVANTAGE - Prevents unauthorized trade activities by allowing secure input, data transfer and storage of a wide array of information, thus eliminating the need for paper logs. Enables efficient and comprehensive inspections by creation of standard reports which are instantaneously accessed. Handles electronic mail communication involving broker transactions and provides simple and low cost, less time consuming processing of data between remote locations. Ensures additional security features by providing trade audit functions which prevents unauthorized trade record change.
 DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram illustrating process of recording trade information in the main server database.
 pp; 71 DwgNo 4/66|
 DE- <TITLE TERMS> DATA; PROCESS; SYSTEM; MANAGE; TRANSACTION; INFORMATION; PERFORMANCE; APPROVE; TRADE; RECORD; TRANSMIT; REMOTE; LOCATE; ENCRYPTION; DECRYPTER; SOFTWARE|
 DC- T01; W01|
 IC- <MAIN> G06F-017/60|
 MC- <EPI> T01-D01; T01-J05A2F; W01-A05A|
 FS- EPI||
 ?

d'un ordinateur fournisseur (1) a destination d'un ordinateur consommateur (2) par l'intermediaire d'un reseau de communications (3). Les informations transferees commandent la relation de communication, y compris les reponses par l'ordinateur consommateur (2), la mise a jour des informations et des operations de traitement en vue des communications futures. Les informations qui changent dans l'ordinateur fournisseur (1) sont automatiquement mises a jour dans l'ordinateur consommateur (2) par l'intermediaire du systeme de communications (3), afin de maintenir la continuite de la relation. Le transfert des metadonnees et des procedes permet un traitement intelligent des informations par l'ordinateur consommateur (2) et une commande combinee par le fournisseur et le consommateur des types et du contenu des informations ulterieurement transferees.

Fulltext Availability:
Detailed Description

Detailed Description
... for users of a software product.

FIG. 27 illustrates a user interface display of an **input** form for gathering technical support **information**.

FIG. 28 illustrates operation of the communications system for service objects.

FIGS. 29A and 29B...generated by the consumer program (step 53) includes a form, then the user can enter **information** in designated locations in the form.

When the **information** has been **entered**, the form is submitted by selecting a button on the page, and a set of...both types of recipients is typically via the push technique. However recipients may also be **tracked** in the provider database I I even if they use the pull technique of updating...

...communications network 3, or it may involve a manual transfer such as a file **copy** over a network or via a computer floppy disk. Recipient objects 120 include the attributes...employees by subgroups such as division and department.

The system ID assignment function can be **modified** to provide this capability by including nested system IDs for each group association within the...machine-readable format such as bar codes. It can also control the production of transportable **data files** such as floppy **disks** or tape cartridges for transport via a postal mail network. At the receiving end, the...methods, and rules stored in the provider database. The provider program is primarily creating, displaying, **editing**, and **reporting** on objects in the provider database. Therefore, the menus and forms used by the provider program are similar to a the menuing, browsing, **editing**, or **reporting** modes of any conventional database application. Initially, there are no user-defined communications objects, pages...or internal naming labels. This is similar to the print preview mode of a The **reports** form 370 is used to create, **edit**, delete, and display **reports** (120, FIG. 3) from the database. Menu items link it to the create **report** form 371, **edit report** form 372, delete **report** form 373, and display report form 374. The preferences form 316 is used to edit...

12/5,K/24 (Item 22 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00288769

REAL-TIME AUTOMATED TRADING SYSTEM

SYSTEME DE TRANSACTION AUTOMATIQUE EN TEMPS REEL

Patent Applicant/Assignee:

MJT HOLDINGS INC,

Inventor(s):

LUPIEN William A,

MARTIN John E Jr,

ALEX Mike N,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9506918 A2 19950309

Application: WO 94US9398 19940822 (PCT/WO US9409398)

Priority Application: US 93110666 19930823

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP

KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK

TJ TT UA UZ VN KE MW SD AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 34679

English Abstract

A computerized order entry, routing and reporting system for receiving and routing an order is disclosed. The system is coupled to a number of electronic trading systems. A control engine is coupled to the electronic trading systems. A user workstation is coupled to the control engine. The user workstation includes a screen display. The user workstation receives an order and electronically transmits the order to the control engine. The user workstation can also display order information on the screen display. The control engine, upon receipt of the order from the user workstation, automatically and electronically routes the order to one of the electronic trading systems, and electronically receives the execution information concerning the order from that electronic trading systems. The control engine automatically correlates the execution information with the order information and electronically transmits the execution information to the user workstation. The user workstation displays the execution information correlated with the display order information.

French Abstract

L'invention concerne un systeme informatique d'entree, d'acheminement et de rapport d'ordres. Le systeme est couple a plusieurs dispositifs de transactions electroniques. Un module de commande est accouple aux dispositifs de transactions electroniques. Un poste de travail utilisateur est accouple au module de commande. Le poste de travail utilisateur comporte un affichage a ecran. Le poste de travail utilisateur recoit un ordre et le transmet electroniquement au module de commande. Il peut egalement afficher sur l'ecran des informations d'ordres. Le module de comande, a reception de l'ordre provenant du poste de travail utilisateur, achemine l'ordre automatiquement et electroniquement vers un des systemes de transactions electroniques et recoit electroniquement l'information d'execution concernant l'ordre depuis lesdits systemes de transactions electroniques. Le module de commande met automatiquement en correlation l'information d'execution avec l'information d'ordre et transmet electroniquement l'information d'execution a la station de travail utilisateur. Celle-ci affiche l'information d'execution mise en correlation avec l'information d'ordre affichee.

Fulltext Availability:

Detailed Description

Detailed Description

... and it is cleared at the end of each day, or other regular period. A **Trade - Audit** table holds copies of images of the **Trade** table to record the progress of the execution of an order. A **Trade Blotter** table holds Blotter information. A **Transactions** table stores the **transaction** information when it is cleared from the Trade table. An Unrlzd -Bal table stores money...

12/5,K/25 (Item 23 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00171840 **Image available**

ASSAYOMATE

AUTOMATE POUR ANALYSES

Patent Applicant/Assignee:

APPLIED BIOSYSTEMS INC,

Inventor(s):

MICHEL Bruno,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9005293 A1 19900517

Application: WO 89US4981 19891107 (PCT/WO US8904981)

Priority Application: US 8851 19881108

Designated States: AT AU BE CH DE FR GB IT JP LU NL SE

Main International Patent Class: G01N-021/05

International Patent Class: G01N-35:00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 161422

English Abstract

An automated apparatus for monitoring chemical reaction assays which includes a supply system (15, 17) for providing accurately metered solutions of reactants to a mixing chamber (19). The mixing chamber (19) is connected to a reaction chamber (21) wherein a substantial portion of the reaction between the reactants occur. A physical parameter, which is a function of the concentration of at least one of the reactants and reaction products, is measured in reaction chamber (21). A computer (35 and 39) is used to automatically control the supply system, mixing chamber and reaction chamber and to analyze the data obtained from the reaction chamber (21) to determine kinetic constants and other parameters associated with the assay.

French Abstract

Dispositif automatise pour le controle d'analyses par reaction chimique, comprenant un systeme d'alimentation (15, 17) introduisant des solutions de reactifs dosees avec precision dans une chambre de melange (19). La chambre de melange (19) est reliee a une chambre de reaction (21) dans laquelle se produit une partie considerable de la reaction entre les reactifs. Un parametre physique, qui est une fonction de la concentration d'au moins un des reactifs et des produits de reaction, est mesure dans la chambre de reaction (21). Un ordinateur (35 et 39) est utilise pour commander automatiquement le systeme d'alimentation, la chambre de melange et la chambre de reaction et pour analyser les donnees provenant de la chambre de reaction (21) afin de determiner les constantes cinetiques et d'autres parametres associes a l'analyse.

Fulltext Availability:
Detailed Description

Detailed Description

... preferred
embodiment there are typically two to four stock
reservoirs, for use as needed.

In **addition** to the stock solution reservoirs,
there is an automated sample changer 75 for presenting
different...computer, and is also used for
showing the header of the data curve in memory, **editing**
the data curve, **copying** blank files, and plotting data.

The Data Transfer Submenu under the Dacom Menu (third
level...PROCEDURE 8700ff
OUTPUT-CMD PROCEDURE 2400ff
OUTPUT--MENU PROCEDURE 2000ff
,was eo"r-wrowr
OUTPUT- **UPDATE** PROCEDURE 2025ff
QUICK-HELP PROCEDURE 6900ff
READ-DEFAULT PROCEDURE 1800ff
READ PLOTFILE PROCEDURE 7500ff
READ...of probes in
Job queue
rem Z5-Z9 flags
rem B9\$[81 name of volume (**disc**)
rem
rem stored in measurement parameter
file (header)
rem
rem
rem Measurement parameter file (header...
?